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Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
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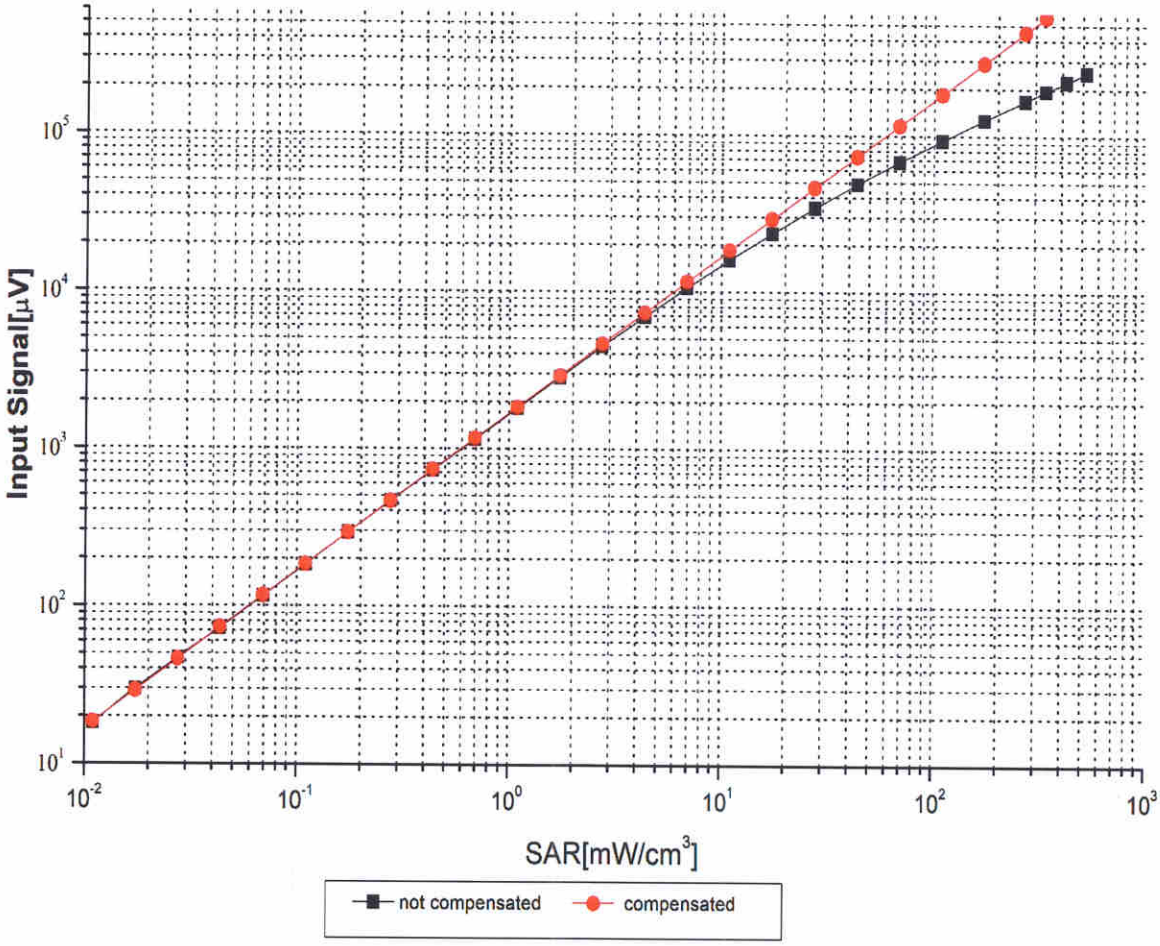
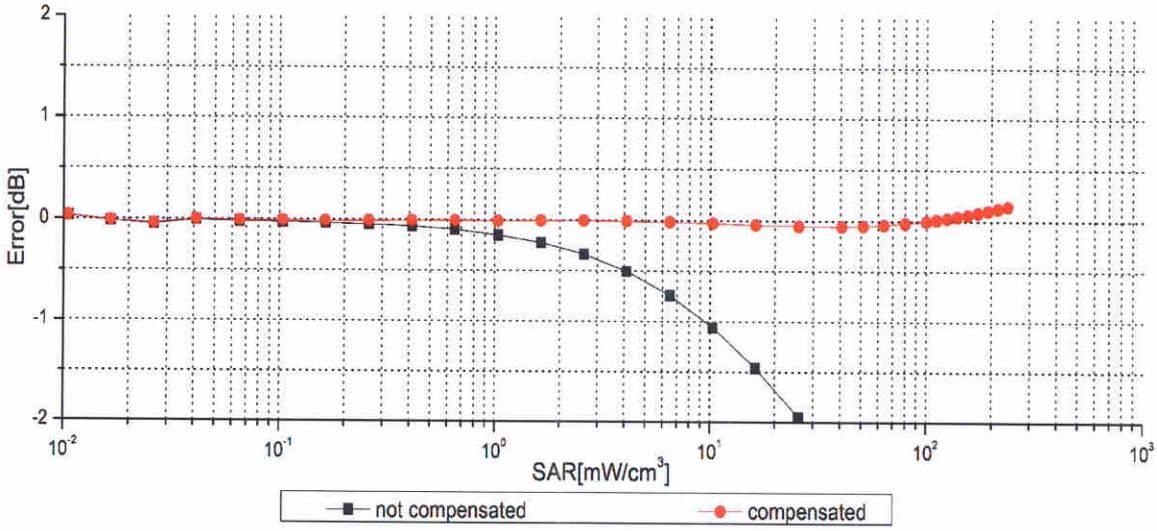
Dynamic Range f(SAR_{head})
(TEM cell, f = 900 MHz)





Uncertainty of Linearity Assessment: ±0.9% (*k*=2)

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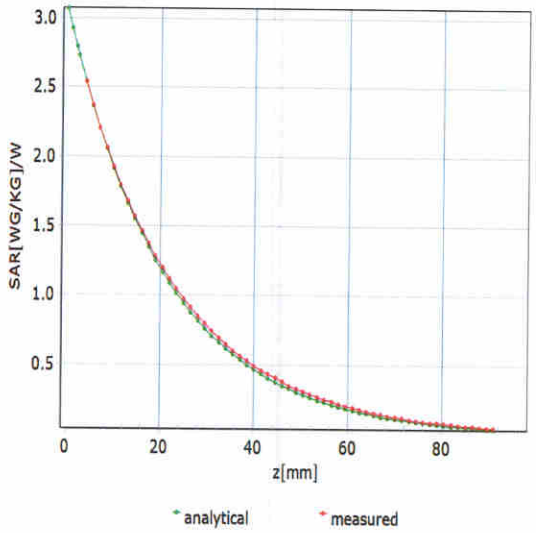
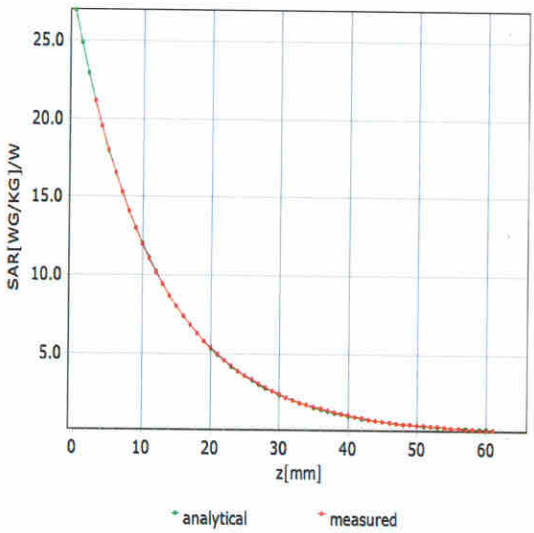
Conversion Factor Assessment

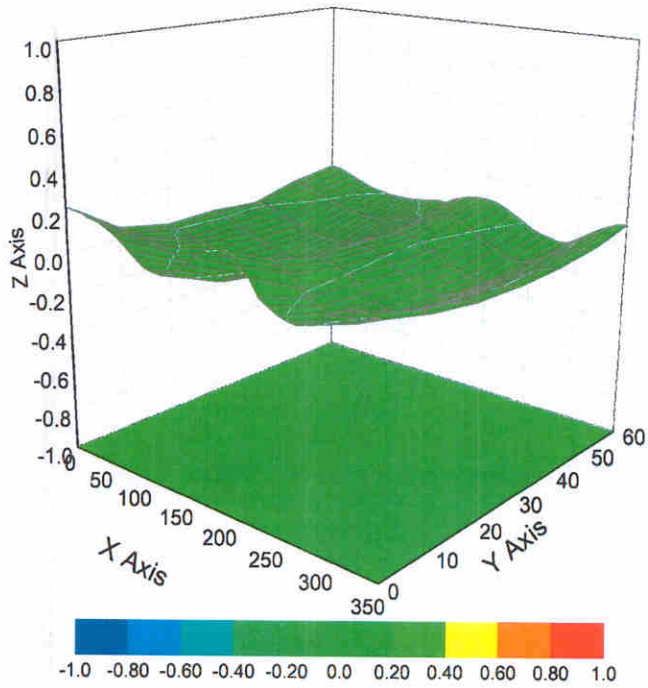
f=750 MHz,WGLS R9(H_convF)



f=1750 MHz,WGLS R22(H_convF)



Deviation from Isotropy in Liquid



Uncertainty of Spherical Isotropy Assessment: ±3.2% (*k*=2)

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E-mail: cttl@chinattl.com Http://www.chinattl.cn

DASY/EASY – Parameters of Probe: EX3DV4 – SN:3975

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	86.5
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disable
Probe Overall Length	337mm
Probe Body Diameter	10mm
Tip Length	9mm
Tip Diameter	2.5mm
Probe Tip to Sensor X Calibration Point	1mm
Probe Tip to Sensor Y Calibration Point	1mm
Probe Tip to Sensor Z Calibration Point	1mm
Recommended Measurement Distance from Surface	1.4mm

Appendix E. Conducted RF Output Power Table

The detailed power tables are shown as follows.

Conducted Full Power

GSM850_ANT 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		31.74	32.15	31.99	33.00	22.74	23.15	22.99	24.00
GPRS 1 Tx slot		31.73	32.13	31.98	33.00	22.73	23.13	22.98	24.00
GPRS 2 Tx slots		28.75	28.90	29.07	30.00	22.75	22.90	23.07	24.00
GPRS 3 Tx slots		27.03	27.16	27.31	28.20	22.77	22.90	23.05	23.94
GPRS 4 Tx slots		26.05	25.90	25.95	27.00	23.05	22.90	22.95	24.00
EDGE 1 Tx slot		24.68	24.97	25.11	26.00	15.68	15.97	16.11	17.00
EDGE 2 Tx slots		22.79	22.62	22.77	24.00	16.79	16.62	16.77	18.00
EDGE 3 Tx slots		21.39	21.26	21.32	22.20	17.13	17.00	17.06	17.94
EDGE 4 Tx slots		20.55	20.58	20.54	21.50	17.55	17.58	17.54	18.50
DTM Multi-slot class 5	GSM 1 Tx slot	28.64	28.86	28.93	30.00	22.64	22.80	22.91	23.98
	GPRS 1 Tx slot	28.69	28.78	28.93	30.00				
DTM Multi-slot class 9	GSM 1 Tx slot	28.71	28.88	29.00	30.00	22.65	22.83	22.98	23.98
	GPRS 1 Tx slot	28.63	28.82	29.01	30.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.01	27.28	27.38	28.20	22.82	22.96	23.05	23.94
	GPRS 2 Tx slots	27.11	27.19	27.28	28.20				
DTM Multi-slot class 5	GSM 1 Tx slot	28.83	28.90	29.16	30.00	20.72	20.73	20.98	21.94
	EDGE 1 Tx slot	22.54	22.33	22.53	24.00				
DTM Multi-slot class 9	GSM 1 Tx slot	28.78	28.96	29.11	30.00	20.66	20.77	20.92	21.94
	EDGE 1 Tx slot	22.45	22.28	22.41	24.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.10	27.26	27.30	28.20	19.81	19.92	19.95	20.94
	EDGE 2 Tx slots	21.03	21.04	21.03	22.20				

GSM1900_ANT 2		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		30.01	30.22	30.15	30.80	21.01	21.22	21.15	21.80
GPRS 1 Tx slot		30.08	30.31	30.19	30.80	21.08	21.31	21.19	21.80
GPRS 2 Tx slots		26.51	26.72	26.43	27.80	20.51	20.72	20.43	21.80
GPRS 3 Tx slots		24.90	24.92	24.68	26.00	20.64	20.66	20.42	21.74
GPRS 4 Tx slots		23.85	23.91	23.86	24.80	20.85	20.91	20.86	21.80
EDGE 1 Tx slot		24.99	25.24	25.03	25.80	15.99	16.24	16.03	16.80
EDGE 2 Tx slots		24.04	24.21	23.91	24.80	18.04	18.21	17.91	18.80
EDGE 3 Tx slots		22.37	22.05	22.06	22.80	18.11	17.79	17.80	18.54
EDGE 4 Tx slots		21.69	21.24	21.11	22.30	18.69	18.24	18.11	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	26.45	26.62	26.40	27.80	20.43	20.61	20.34	21.78
	GPRS 1 Tx slot	26.45	26.64	26.33	27.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.51	26.73	26.31	27.80	20.46	20.69	20.26	21.78
	GPRS 1 Tx slot	26.46	26.70	26.26	27.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.87	24.92	24.79	26.00	20.61	20.71	20.48	21.74
	GPRS 2 Tx slots	24.87	25.00	24.72	26.00				
DTM Multi-slot class 5	GSM 1 Tx slot	26.56	26.77	26.51	27.80	19.36	19.55	19.25	20.53
	EDGE 1 Tx slot	23.77	23.92	23.54	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.51	26.82	26.49	27.80	19.33	19.59	19.27	20.53
	EDGE 1 Tx slot	23.76	23.92	23.64	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.91	24.88	24.66	26.00	18.97	18.83	18.68	19.89
	EDGE 2 Tx slots	22.05	21.82	21.74	22.80				

Band		WCDMA II_ANT 2			Tune-up Limit (dBm)	WCDMA IV_ANT 2			Tune-up Limit (dBm)	WCDMA V_ANT 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.78	23.92	23.75	24.80	24.06	24.17	24.12	24.80	23.01	23.00	22.99	24.30
3GPP Rel 99	RMC 12.2Kbps	23.80	23.94	23.78	24.80	24.07	24.18	24.16	24.80	23.03	23.01	23.01	24.30
3GPP Rel 6	HSDPA Subtest-1	22.69	22.74	22.66	23.80	22.98	23.05	23.05	23.80	22.06	22.06	21.99	23.00
3GPP Rel 6	HSDPA Subtest-2	22.71	22.71	22.70	23.80	22.95	23.10	23.03	23.80	22.08	21.98	21.98	23.00
3GPP Rel 6	HSDPA Subtest-3	22.19	22.22	22.23	23.80	22.45	22.50	22.53	23.80	21.51	21.50	21.55	23.00
3GPP Rel 6	HSDPA Subtest-4	22.17	22.20	22.24	23.80	22.43	22.51	22.51	23.80	21.56	21.48	21.53	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.56	22.65	22.53	23.80	22.75	22.90	22.73	23.80	21.88	21.97	21.83	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.61	22.49	22.70	23.80	22.85	22.72	22.90	23.80	22.67	22.53	22.63	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.02	22.10	22.18	23.80	22.35	22.40	22.48	23.80	22.08	22.14	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.17	22.18	22.10	23.80	22.38	22.50	22.41	23.80	22.18	22.21	22.09	23.00
3GPP Rel 6	HSUPA Subtest-1	22.85	22.96	22.83	24.80	23.01	23.10	23.08	24.80	22.02	22.04	21.95	24.00
3GPP Rel 6	HSUPA Subtest-2	20.93	21.04	20.99	22.80	19.80	19.88	19.90	20.80	20.04	20.00	19.89	22.00
3GPP Rel 6	HSUPA Subtest-3	21.77	21.87	21.76	22.80	20.71	20.75	20.76	20.80	21.01	21.00	20.95	22.00
3GPP Rel 6	HSUPA Subtest-4	20.85	20.94	20.80	22.80	19.85	19.95	19.94	20.80	20.02	19.98	19.96	22.00
3GPP Rel 6	HSUPA Subtest-5	22.82	22.85	22.80	24.80	23.00	23.07	23.08	24.80	22.02	22.01	22.02	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.24	22.33	22.24	22.80	22.23	22.30	22.25	22.80	21.66	21.71	21.62	22.80

GSM850_ANT 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.80	32.59	32.89	33.80	23.80	23.59	23.89	24.80
GPRS 1 Tx slot		32.75	32.55	32.88	33.80	23.75	23.55	23.88	24.80
GPRS 2 Tx slots		29.80	29.55	29.76	30.80	23.80	23.55	23.76	24.80
GPRS 3 Tx slots		27.90	27.80	28.35	29.00	23.64	23.54	24.09	24.74
GPRS 4 Tx slots		26.65	26.30	26.80	27.80	23.65	23.30	23.80	24.80
EDGE 1 Tx slot		25.70	25.50	25.95	26.80	16.70	16.50	16.95	17.80
EDGE 2 Tx slots		23.88	23.80	24.00	24.80	17.88	17.80	18.00	18.80
EDGE 3 Tx slots		22.15	22.12	22.65	23.00	17.89	17.86	18.39	18.74
EDGE 4 Tx slots		21.30	21.20	21.70	22.30	18.30	18.20	18.70	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	29.81	29.38	29.72	30.80	23.72	23.39	23.71	24.78
	GPRS 1 Tx slot	29.66	29.45	29.75	30.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.69	29.50	29.63	30.80	23.70	23.51	23.63	24.78
	GPRS 1 Tx slot	29.75	29.57	29.68	30.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.95	27.88	28.45	29.00	23.66	23.58	24.18	24.74
	GPRS 2 Tx slots	27.90	27.82	28.44	29.00				
DTM Multi-slot class 5	GSM 1 Tx slot	29.74	29.59	29.86	30.80	21.66	21.50	21.77	22.74
	EDGE 1 Tx slot	23.65	23.44	23.70	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.78	29.61	29.78	30.80	21.67	21.52	21.71	22.74
	EDGE 1 Tx slot	23.53	23.45	23.72	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.86	27.75	28.44	29.00	20.57	20.53	21.17	21.74
	EDGE 2 Tx slots	21.78	21.88	22.42	23.00				

GSM1900_ANT 3		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.41	29.38	29.48	30.80	20.41	20.38	20.48	21.80
GPRS 1 Tx slot		29.50	29.50	29.56	30.80	20.50	20.50	20.56	21.80
GPRS 2 Tx slots		26.33	26.36	26.38	27.80	20.33	20.36	20.38	21.80
GPRS 3 Tx slots		24.48	24.63	24.65	26.00	20.22	20.37	20.39	21.74
GPRS 4 Tx slots		23.00	22.99	23.10	24.80	20.00	19.99	20.10	21.80
EDGE 1 Tx slot		24.54	24.61	24.46	25.80	15.54	15.61	15.46	16.80
EDGE 2 Tx slots		22.91	23.05	23.10	24.80	16.91	17.05	17.10	18.80
EDGE 3 Tx slots		20.94	20.96	20.86	22.80	16.68	16.70	16.60	18.54
EDGE 4 Tx slots		20.46	20.40	20.36	22.30	17.46	17.40	17.36	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	26.30	26.26	26.38	27.80	20.27	20.25	20.35	21.78
	GPRS 1 Tx slot	26.29	26.29	26.36	27.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.24	26.19	26.36	27.80	20.23	20.26	20.29	21.78
	GPRS 1 Tx slot	26.26	26.37	26.26	27.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.60	24.70	24.71	26.00	20.31	20.41	20.40	21.74
	GPRS 2 Tx slots	24.55	24.65	24.64	26.00				
DTM Multi-slot class 5	GSM 1 Tx slot	26.33	26.43	26.33	27.80	18.95	19.03	18.97	20.53
	EDGE 1 Tx slot	22.99	23.01	23.03	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.43	26.35	26.46	27.80	18.99	18.97	19.06	20.53
	EDGE 1 Tx slot	22.88	22.99	23.06	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.44	24.67	24.67	26.00	18.18	18.30	18.30	19.89
	EDGE 2 Tx slots	20.93	20.92	20.92	22.80				

Band		WCDMA II_ANT 3			Tune-up Limit (dBm)	WCDMA IV_ANT 3			Tune-up Limit (dBm)	WCDMA V_ANT 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.63	23.79	23.62	24.80	23.77	23.87	23.85	24.80	24.08	24.07	24.07	24.80
3GPP Rel 99	RMC 12.2Kbps	23.65	23.80	23.68	24.80	23.79	23.88	23.87	24.80	24.09	24.08	24.08	24.80
3GPP Rel 6	HSDPA Subtest-1	22.74	22.87	22.72	23.80	22.90	22.94	22.99	23.80	23.01	23.00	23.02	23.80
3GPP Rel 6	HSDPA Subtest-2	22.72	22.86	22.77	23.80	22.87	22.91	22.99	23.80	23.00	22.98	23.03	23.80
3GPP Rel 6	HSDPA Subtest-3	22.16	22.37	22.26	23.80	22.35	22.41	22.45	23.80	22.52	22.49	22.51	23.80
3GPP Rel 6	HSDPA Subtest-4	22.22	22.39	22.23	23.80	22.37	22.41	22.53	23.80	22.50	22.48	22.50	23.80
3GPP Rel 8	DC-HSDPA Subtest-1	22.46	22.60	22.42	23.80	22.60	22.65	22.55	23.80	22.85	22.82	22.90	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.55	22.40	22.60	23.80	22.55	22.42	22.62	23.80	22.88	22.84	22.92	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.08	22.14	22.18	23.80	22.01	22.15	22.17	23.80	22.45	22.48	22.51	23.80
3GPP Rel 8	DC-HSDPA Subtest-4	22.05	22.22	22.10	23.80	22.15	22.20	22.05	23.80	22.49	22.50	22.50	23.80
3GPP Rel 6	HSUPA Subtest-1	22.80	22.99	22.87	24.80	22.90	22.99	22.91	24.80	22.33	22.34	22.37	24.80
3GPP Rel 6	HSUPA Subtest-2	20.84	21.02	20.84	22.80	20.05	20.02	20.07	20.80	20.87	20.86	20.88	22.80
3GPP Rel 6	HSUPA Subtest-3	21.80	21.97	21.85	22.80	20.80	20.78	20.79	20.80	21.82	21.81	21.80	22.80
3GPP Rel 6	HSUPA Subtest-4	20.86	20.99	20.88	22.80	20.06	20.02	20.05	20.80	20.86	20.88	20.93	22.80
3GPP Rel 6	HSUPA Subtest-5	22.90	23.00	22.90	24.80	22.90	23.00	23.00	24.80	22.82	22.81	22.85	24.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.01	22.10	22.03	22.80	22.10	22.12	22.15	22.80	21.99	21.95	21.96	22.00

Band 2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.85	23.90	23.87	24.8	0
20	QPSK	1	49	23.83	23.75	23.86		
20	QPSK	1	99	23.80	23.66	23.70		
20	QPSK	50	0	22.98	23.00	22.99	23.8	1
20	QPSK	50	24	22.97	22.86	22.95		
20	QPSK	50	50	22.91	22.73	22.97		
20	QPSK	100	0	22.76	22.78	22.71		
20	16QAM	1	0	23.10	23.20	23.15	23.8	1
20	16QAM	1	49	23.11	23.06	23.24		
20	16QAM	1	99	23.25	23.20	23.15		
20	16QAM	50	0	21.94	22.06	21.97	22.8	2
20	16QAM	50	24	22.16	22.03	22.14		
20	16QAM	50	50	22.11	21.93	22.17		
20	16QAM	100	0	21.98	21.95	21.99		
20	64QAM	1	0	22.15	22.19	22.24	22.8	2
20	64QAM	1	49	22.12	22.20	22.23		
20	64QAM	1	99	22.28	22.18	22.16		
20	64QAM	50	0	20.97	21.07	20.97	21.8	3
20	64QAM	50	24	21.15	21.02	21.12		
20	64QAM	50	50	21.10	20.91	21.19		
20	64QAM	100	0	20.98	20.90	21.01		
20	256QAM	1	0	19.29	19.45	19.47	19.8	5
20	256QAM	1	49	19.25	19.49	19.48		
20	256QAM	1	99	19.31	19.31	19.23		
20	256QAM	50	0	19.26	19.28	19.36	19.8	5
20	256QAM	50	24	19.36	19.33	19.44		
20	256QAM	50	50	19.35	19.40	19.43		
20	256QAM	100	0	19.23	19.34	19.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.60	23.88	23.80	24.8	0
15	QPSK	1	37	23.56	23.64	23.62		
15	QPSK	1	74	23.89	23.49	23.52		
15	QPSK	36	0	22.76	22.88	22.92	23.8	1
15	QPSK	36	20	22.95	22.84	23.11		
15	QPSK	36	39	23.06	22.76	23.11		
15	QPSK	75	0	22.67	22.70	22.81		
15	16QAM	1	0	23.20	23.30	23.12	23.8	1
15	16QAM	1	37	23.05	23.03	22.94		
15	16QAM	1	74	23.44	23.06	23.10		
15	16QAM	36	0	21.94	22.03	21.98	22.8	2
15	16QAM	36	20	22.10	22.03	22.14		
15	16QAM	36	39	22.11	21.93	22.16		
15	16QAM	75	0	21.97	21.93	22.14		
15	64QAM	1	0	21.75	22.22	22.34	22.8	2
15	64QAM	1	37	21.93	22.09	22.03		
15	64QAM	1	74	22.15	21.96	22.12		
15	64QAM	36	0	20.87	20.99	21.06	21.8	3
15	64QAM	36	20	21.11	20.95	21.16		
15	64QAM	36	39	21.11	20.91	21.13		
15	64QAM	75	0	20.93	20.93	21.15		
15	256QAM	1	0	19.38	19.36	19.41	19.8	5
15	256QAM	1	37	19.51	19.45	19.49		
15	256QAM	1	74	19.45	19.49	19.45		
15	256QAM	36	0	19.37	19.38	19.39	19.8	5
15	256QAM	36	20	19.28	19.31	19.26		
15	256QAM	36	39	19.29	19.35	19.37		
15	256QAM	75	0	19.36	19.36	19.37		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.33	23.68	23.80	24.8	0
10	QPSK	1	25	23.51	23.57	23.64		
10	QPSK	1	49	23.66	23.73	23.67		
10	QPSK	25	0	22.73	22.85	23.20	23.8	1
10	QPSK	25	12	22.86	22.81	23.17		
10	QPSK	25	25	23.03	22.80	23.11		
10	QPSK	50	0	22.71	22.61	22.84		
10	16QAM	1	0	22.99	23.00	23.02	23.8	1
10	16QAM	1	25	22.98	22.95	23.44		
10	16QAM	1	49	23.20	23.18	23.14		
10	16QAM	25	0	21.89	22.04	22.27	22.8	2
10	16QAM	25	12	22.05	22.01	22.33		
10	16QAM	25	25	22.16	21.94	22.28		
10	16QAM	50	0	21.92	21.84	22.19		
10	64QAM	1	0	21.84	22.03	22.18	22.8	2
10	64QAM	1	25	22.09	21.87	22.37		
10	64QAM	1	49	22.41	22.23	22.17		
10	64QAM	25	0	20.90	21.05	21.22	21.8	3
10	64QAM	25	12	21.03	21.02	21.29		
10	64QAM	25	25	21.19	20.94	21.24		
10	64QAM	50	0	20.94	20.91	21.16		
10	256QAM	1	0	19.44	19.47	19.48	19.8	5
10	256QAM	1	25	19.46	19.48	19.45		
10	256QAM	1	49	19.40	19.46	19.48		
10	256QAM	25	0	19.38	19.43	19.40	19.8	5
10	256QAM	25	12	19.43	19.40	19.39		
10	256QAM	25	25	19.45	19.41	19.41		
10	256QAM	50	0	19.32	19.38	19.38		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.55	23.86	23.80	24.8	0
5	QPSK	1	12	23.66	23.65	23.67		
5	QPSK	1	24	23.82	23.69	23.74		
5	QPSK	12	0	22.69	22.87	23.10	23.8	1
5	QPSK	12	7	22.78	22.83	23.05		
5	QPSK	12	13	22.86	22.81	22.95		
5	QPSK	25	0	22.67	22.68	22.94		
5	16QAM	1	0	22.82	23.02	23.42	23.8	1
5	16QAM	1	12	23.09	23.01	23.30		
5	16QAM	1	24	23.17	22.96	23.00		
5	16QAM	12	0	21.80	21.98	22.25	22.8	2
5	16QAM	12	7	21.86	22.02	22.23		
5	16QAM	12	13	21.99	21.87	22.16		
5	16QAM	25	0	21.80	21.88	22.14		
5	64QAM	1	0	21.79	22.12	22.48	22.8	2
5	64QAM	1	12	21.93	22.13	22.27		
5	64QAM	1	24	22.12	22.11	22.19		
5	64QAM	12	0	20.83	21.03	21.24	21.8	3
5	64QAM	12	7	20.98	21.01	21.28		
5	64QAM	12	13	21.06	21.02	21.11		
5	64QAM	25	0	20.80	20.88	21.18		
5	256QAM	1	0	19.42	19.44	19.46	19.8	5
5	256QAM	1	12	19.50	19.46	19.46		
5	256QAM	1	24	19.41	19.40	19.43		
5	256QAM	12	0	19.45	19.48	19.42	19.8	5
5	256QAM	12	7	19.36	19.39	19.43		
5	256QAM	12	13	19.31	19.37	19.42		
5	256QAM	25	0	19.40	19.42	19.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.44	23.81	23.80	24.8	0
3	QPSK	1	8	23.65	23.79	23.75		
3	QPSK	1	14	23.71	23.64	23.68		
3	QPSK	8	0	22.66	22.84	23.02	23.8	1
3	QPSK	8	4	22.70	22.86	22.97		
3	QPSK	8	7	22.79	22.81	22.87		
3	QPSK	15	0	22.66	22.79	22.96		
3	16QAM	1	0	22.80	23.08	23.32	23.8	1
3	16QAM	1	8	22.90	23.09	23.24		
3	16QAM	1	14	23.08	22.96	22.97		
3	16QAM	8	0	21.82	21.94	22.18	22.8	2
3	16QAM	8	4	21.86	21.95	22.09		
3	16QAM	8	7	21.86	21.91	22.03		
3	16QAM	15	0	21.79	21.87	22.10		
3	64QAM	1	0	21.85	22.01	22.27	22.8	2
3	64QAM	1	8	21.96	21.99	22.21		
3	64QAM	1	14	22.06	21.94	21.99		
3	64QAM	8	0	20.82	20.96	21.22	21.8	3
3	64QAM	8	4	20.91	21.03	21.14		
3	64QAM	8	7	20.86	20.96	21.10		
3	64QAM	15	0	20.86	20.95	21.10		
3	256QAM	1	0	19.43	19.48	19.46	19.8	5
3	256QAM	1	8	19.47	19.47	19.46		
3	256QAM	1	14	19.49	19.46	19.49		
3	256QAM	8	0	19.37	19.40	19.41	19.8	5
3	256QAM	8	4	19.43	19.44	19.38		
3	256QAM	8	7	19.41	19.45	19.39		
3	256QAM	15	0	19.42	19.43	19.49		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.51	23.75	23.82	24.8	0
1.4	QPSK	1	3	23.58	23.72	23.73		
1.4	QPSK	1	5	23.59	23.71	23.60		
1.4	QPSK	3	0	23.55	23.79	23.72		
1.4	QPSK	3	1	23.64	23.71	23.67		
1.4	QPSK	3	3	23.58	23.82	23.65		
1.4	QPSK	6	0	22.62	22.77	22.77	23.8	1
1.4	16QAM	1	0	22.83	22.90	23.08	23.8	1
1.4	16QAM	1	3	22.87	23.04	23.12		
1.4	16QAM	1	5	22.81	22.97	22.98		
1.4	16QAM	3	0	22.83	22.95	22.92		
1.4	16QAM	3	1	22.83	22.95	22.94		
1.4	16QAM	3	3	22.92	22.86	22.90		
1.4	16QAM	6	0	21.87	21.87	21.97	22.8	2
1.4	64QAM	1	0	21.85	22.12	22.18	22.8	2
1.4	64QAM	1	3	21.83	22.17	22.02		
1.4	64QAM	1	5	21.88	22.02	22.07		
1.4	64QAM	3	0	21.80	22.01	22.07		
1.4	64QAM	3	1	21.71	22.07	22.13		
1.4	64QAM	3	3	21.84	21.92	22.02		
1.4	64QAM	6	0	20.82	20.86	21.04	21.8	3
1.4	256QAM	1	0	19.47	19.42	19.38	19.8	5
1.4	256QAM	1	3	19.50	19.44	19.48		
1.4	256QAM	1	5	19.40	19.40	19.46		
1.4	256QAM	3	0	19.46	19.47	19.43		
1.4	256QAM	3	1	19.46	19.48	19.44		
1.4	256QAM	3	3	19.46	19.46	19.42		
1.4	256QAM	6	0	19.43	19.42	19.47	19.8	5

Band 4_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.56	23.75	23.68	24.8	0
20	QPSK	1	49	23.52	23.70	23.67		
20	QPSK	1	99	23.49	23.57	23.54		
20	QPSK	50	0	22.64	22.70	22.68	23.8	1
20	QPSK	50	24	22.62	22.66	22.67		
20	QPSK	50	50	22.55	22.68	22.67		
20	QPSK	100	0	22.59	22.65	22.62		
20	16QAM	1	0	22.71	22.75	22.70	23.8	1
20	16QAM	1	49	22.72	22.68	22.69		
20	16QAM	1	99	22.71	22.73	22.72		
20	16QAM	50	0	22.24	22.42	22.39	22.8	2
20	16QAM	50	24	22.30	22.40	22.37		
20	16QAM	50	50	22.31	22.40	22.40		
20	16QAM	100	0	22.30	22.37	22.34		
20	64QAM	1	0	22.47	22.42	22.40	22.8	2
20	64QAM	1	49	22.38	22.35	22.32		
20	64QAM	1	99	22.33	22.49	22.47		
20	64QAM	50	0	21.23	21.42	21.37	21.8	3
20	64QAM	50	24	21.30	21.39	21.36		
20	64QAM	50	50	21.28	21.40	21.40		
20	64QAM	100	0	21.27	21.36	21.33		
20	256QAM	1	0	19.34	19.39	19.43	19.8	5
20	256QAM	1	49	19.40	19.45	19.48		
20	256QAM	1	99	19.49	19.50	19.47		
20	256QAM	50	0	19.34	19.33	19.40	19.8	5
20	256QAM	50	24	19.38	19.37	19.35		
20	256QAM	50	50	19.40	19.44	19.43		
20	256QAM	100	0	19.37	19.35	19.33		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.66	23.62	23.69	24.8	0
15	QPSK	1	37	23.60	23.60	23.64		
15	QPSK	1	74	23.66	23.64	23.68		
15	QPSK	36	0	23.21	23.38	23.40	23.8	1
15	QPSK	36	20	23.31	23.38	23.39		
15	QPSK	36	39	23.25	23.39	23.40		
15	QPSK	75	0	23.27	23.34	23.37		
15	16QAM	1	0	23.32	23.35	23.30	23.8	1
15	16QAM	1	37	23.40	23.45	23.43		
15	16QAM	1	74	23.39	23.37	23.42		
15	16QAM	36	0	22.21	22.40	22.42	22.8	2
15	16QAM	36	20	22.33	22.42	22.41		
15	16QAM	36	39	22.32	22.40	22.41		
15	16QAM	75	0	22.30	22.34	22.34		
15	64QAM	1	0	22.40	22.42	22.33	22.8	2
15	64QAM	1	37	22.38	22.41	22.35		
15	64QAM	1	74	22.31	22.43	22.34		
15	64QAM	36	0	21.21	21.39	21.39	21.8	3
15	64QAM	36	20	21.28	21.36	21.47		
15	64QAM	36	39	21.29	21.37	21.43		
15	64QAM	75	0	21.29	21.35	21.35		
15	256QAM	1	0	19.43	19.43	19.44	19.8	5
15	256QAM	1	37	19.45	19.44	19.45		
15	256QAM	1	74	19.40	19.41	19.40		
15	256QAM	36	0	19.46	19.44	19.46	19.8	5
15	256QAM	36	20	19.43	19.41	19.48		
15	256QAM	36	39	19.46	19.40	19.47		
15	256QAM	75	0	19.49	19.48	19.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.67	23.60	23.63	24.8	0
10	QPSK	1	25	23.65	23.60	23.60		
10	QPSK	1	49	23.65	23.68	23.61		
10	QPSK	25	0	23.35	23.50	23.48	23.8	1
10	QPSK	25	12	23.41	23.41	23.48		
10	QPSK	25	25	23.40	23.43	23.42		
10	QPSK	50	0	23.38	23.46	23.46		
10	16QAM	1	0	23.43	23.35	23.43	23.8	1
10	16QAM	1	25	23.34	23.33	23.38		
10	16QAM	1	49	23.45	23.37	23.32		
10	16QAM	25	0	22.36	22.41	22.45	22.8	2
10	16QAM	25	12	22.45	22.42	22.50		
10	16QAM	25	25	22.40	22.45	22.43		
10	16QAM	50	0	22.38	22.50	22.49		
10	64QAM	1	0	22.44	22.45	22.31	22.8	2
10	64QAM	1	25	22.44	22.49	22.49		
10	64QAM	1	49	22.48	22.44	22.36		
10	64QAM	25	0	21.37	21.50	21.45	21.8	3
10	64QAM	25	12	21.41	21.50	21.48		
10	64QAM	25	25	21.39	21.46	21.43		
10	64QAM	50	0	21.42	21.47	21.46		
10	256QAM	1	0	19.48	19.46	19.47	19.8	5
10	256QAM	1	25	19.46	19.40	19.47		
10	256QAM	1	49	19.46	19.44	19.41		
10	256QAM	25	0	19.49	19.40	19.48	19.8	5
10	256QAM	25	12	19.44	19.47	19.43		
10	256QAM	25	25	19.46	19.46	19.44		
10	256QAM	50	0	19.43	19.47	19.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.60	23.63	23.65	24.8	0
5	QPSK	1	12	23.61	23.65	23.60		
5	QPSK	1	24	23.67	23.61	23.63		
5	QPSK	12	0	23.35	23.44	23.46	23.8	1
5	QPSK	12	7	23.35	23.47	23.46		
5	QPSK	12	13	23.35	23.41	23.42		
5	QPSK	25	0	23.32	23.42	23.49		
5	16QAM	1	0	23.38	23.34	23.27	23.8	1
5	16QAM	1	12	23.35	23.47	23.39		
5	16QAM	1	24	23.39	23.40	23.37		
5	16QAM	12	0	22.42	22.47	22.42	22.8	2
5	16QAM	12	7	22.45	22.43	22.48		
5	16QAM	12	13	22.40	22.47	22.45		
5	16QAM	25	0	22.36	22.48	22.42		
5	64QAM	1	0	22.44	22.41	22.30	22.8	2
5	64QAM	1	12	22.30	21.99	22.06		
5	64QAM	1	24	22.42	22.36	22.33		
5	64QAM	12	0	21.40	21.49	21.50	21.8	3
5	64QAM	12	7	21.42	21.50	21.47		
5	64QAM	12	13	21.37	21.46	21.44		
5	64QAM	25	0	21.38	21.48	21.43		
5	256QAM	1	0	19.46	19.47	19.40	19.8	5
5	256QAM	1	12	19.43	19.47	19.46		
5	256QAM	1	24	19.47	19.46	19.44		
5	256QAM	12	0	19.42	19.44	19.41	19.8	5
5	256QAM	12	7	19.48	19.49	19.45		
5	256QAM	12	13	19.46	19.48	19.48		
5	256QAM	25	0	19.45	19.46	19.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.63	23.69	23.65	24.8	0
3	QPSK	1	8	23.68	23.60	23.63		
3	QPSK	1	14	23.61	23.66	23.64		
3	QPSK	8	0	23.33	23.43	23.42	23.8	1
3	QPSK	8	4	23.34	23.41	23.49		
3	QPSK	8	7	23.34	23.50	23.47		
3	QPSK	15	0	23.29	23.39	23.35		
3	16QAM	1	0	23.45	23.32	23.34	23.8	1
3	16QAM	1	8	23.45	23.39	23.46		
3	16QAM	1	14	23.43	23.36	23.25		
3	16QAM	8	0	22.41	22.48	22.31	22.8	2
3	16QAM	8	4	22.44	22.33	22.36		
3	16QAM	8	7	22.40	22.39	22.35		
3	16QAM	15	0	22.36	22.46	22.39		
3	64QAM	1	0	22.38	22.42	22.45	22.8	2
3	64QAM	1	8	22.33	22.44	22.44		
3	64QAM	1	14	22.42	22.42	22.37		
3	64QAM	8	0	21.34	21.49	21.43	21.8	3
3	64QAM	8	4	21.33	21.41	21.35		
3	64QAM	8	7	21.33	21.49	21.49		
3	64QAM	15	0	21.34	21.44	21.41		
3	256QAM	1	0	19.40	19.47	19.46	19.8	5
3	256QAM	1	8	19.43	19.40	19.47		
3	256QAM	1	14	19.45	19.45	19.45		
3	256QAM	8	0	19.48	19.49	19.42	19.8	5
3	256QAM	8	4	19.44	19.41	19.48		
3	256QAM	8	7	19.46	19.46	19.47		
3	256QAM	15	0	19.46	19.40	19.48		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.55	23.66	23.60	24.8	0
1.4	QPSK	1	3	23.66	23.65	23.65		
1.4	QPSK	1	5	23.62	23.69	23.74		
1.4	QPSK	3	0	23.05	23.01	23.10		
1.4	QPSK	3	1	23.00	23.02	23.05		
1.4	QPSK	3	3	22.90	22.98	22.95		
1.4	QPSK	6	0	22.67	22.68	22.94	23.8	1
1.4	16QAM	1	0	22.82	23.02	23.42	23.8	1
1.4	16QAM	1	3	23.09	23.01	23.30		
1.4	16QAM	1	5	23.17	22.96	23.00		
1.4	16QAM	3	0	21.80	21.98	22.25		
1.4	16QAM	3	1	21.86	22.02	22.23		
1.4	16QAM	3	3	21.99	21.87	22.16		
1.4	16QAM	6	0	21.80	21.88	22.14	22.8	2
1.4	64QAM	1	0	21.79	22.12	22.48	22.8	2
1.4	64QAM	1	3	21.93	22.13	22.27		
1.4	64QAM	1	5	22.12	22.11	22.19		
1.4	64QAM	3	0	20.83	21.03	21.24		
1.4	64QAM	3	1	20.98	21.01	21.28		
1.4	64QAM	3	3	21.06	21.02	21.11		
1.4	64QAM	6	0	20.80	20.88	21.18	21.8	3
1.4	256QAM	1	0	19.45	19.42	19.42	19.8	5
1.4	256QAM	1	3	19.44	19.40	19.49		
1.4	256QAM	1	5	19.46	19.45	19.48		
1.4	256QAM	3	0	19.42	19.48	19.44		
1.4	256QAM	3	1	19.48	19.42	19.46		
1.4	256QAM	3	3	19.43	19.46	19.42		
1.4	256QAM	6	0	19.40	19.45	19.45	19.8	5

Band 4_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.83	23.87	23.82	24.8	0
20	QPSK	1	49	23.82	23.85	23.81		
20	QPSK	1	99	23.76	23.77	23.64		
20	QPSK	50	0	22.76	22.82	22.76	23.8	1
20	QPSK	50	24	22.73	22.74	22.75		
20	QPSK	50	50	22.75	22.77	22.74		
20	QPSK	100	0	22.74	22.81	22.70		
20	16QAM	1	0	22.81	22.81	22.76	23.8	1
20	16QAM	1	49	22.88	22.86	22.86		
20	16QAM	1	99	22.76	22.77	22.81		
20	16QAM	50	0	21.85	21.80	21.86	22.8	2
20	16QAM	50	24	21.82	21.79	21.80		
20	16QAM	50	50	21.75	21.77	21.77		
20	16QAM	100	0	21.86	21.82	21.82		
20	64QAM	1	0	21.87	21.83	21.88	22.8	2
20	64QAM	1	49	21.86	21.82	21.86		
20	64QAM	1	99	21.75	21.76	21.82		
20	64QAM	50	0	20.79	20.78	20.78	21.8	3
20	64QAM	50	24	20.70	20.70	20.67		
20	64QAM	50	50	20.73	20.72	20.77		
20	64QAM	100	0	20.73	20.71	20.77		
20	256QAM	1	0	18.96	18.92	18.86	19.8	5
20	256QAM	1	49	19.03	18.98	18.92		
20	256QAM	1	99	18.87	18.89	18.92		
20	256QAM	50	0	18.79	18.74	18.70	19.8	5
20	256QAM	50	24	18.74	18.75	18.76		
20	256QAM	50	50	18.74	18.69	18.63		
20	256QAM	100	0	18.70	18.72	18.72		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.73	23.80	23.66	24.8	0
15	QPSK	1	37	23.77	23.78	23.74		
15	QPSK	1	74	23.67	23.67	23.51		
15	QPSK	36	0	22.68	22.78	22.64	23.8	1
15	QPSK	36	20	22.60	22.68	22.70		
15	QPSK	36	39	22.72	22.70	22.61		
15	QPSK	75	0	22.66	22.70	22.62		
15	16QAM	1	0	22.75	22.68	22.71	23.8	1
15	16QAM	1	37	22.79	22.79	22.73		
15	16QAM	1	74	22.71	22.68	22.69		
15	16QAM	36	0	21.78	21.68	21.81	22.8	2
15	16QAM	36	20	21.77	21.74	21.74		
15	16QAM	36	39	21.70	21.74	21.65		
15	16QAM	75	0	21.82	21.73	21.78		
15	64QAM	1	0	21.74	21.71	21.81	22.8	2
15	64QAM	1	37	21.73	21.74	21.80		
15	64QAM	1	74	21.69	21.66	21.73		
15	64QAM	36	0	20.68	20.71	20.75	21.8	3
15	64QAM	36	20	20.67	20.60	20.59		
15	64QAM	36	39	20.63	20.69	20.69		
15	64QAM	75	0	20.67	20.65	20.74		
15	256QAM	1	0	18.90	18.81	18.76	19.8	5
15	256QAM	1	37	18.90	18.87	18.87		
15	256QAM	1	74	18.83	18.79	18.88		
15	256QAM	36	0	18.70	18.68	18.58	19.8	5
15	256QAM	36	20	18.64	18.70	18.70		
15	256QAM	36	39	18.71	18.56	18.59		
15	256QAM	75	0	18.64	18.61	18.61		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.75	23.82	23.67	24.8	0
10	QPSK	1	25	23.77	23.81	23.69		
10	QPSK	1	49	23.69	23.73	23.56		
10	QPSK	25	0	22.64	22.69	22.67	23.8	1
10	QPSK	25	12	22.70	22.63	22.71		
10	QPSK	25	25	22.64	22.73	22.62		
10	QPSK	50	0	22.61	22.70	22.62		
10	16QAM	1	0	22.73	22.76	22.64	23.8	1
10	16QAM	1	25	22.77	22.75	22.80		
10	16QAM	1	49	22.68	22.64	22.72		
10	16QAM	25	0	21.81	21.74	21.79	22.8	2
10	16QAM	25	12	21.77	21.70	21.67		
10	16QAM	25	25	21.62	21.73	21.65		
10	16QAM	50	0	21.79	21.77	21.72		
10	64QAM	1	0	21.83	21.75	21.75	22.8	2
10	64QAM	1	25	21.80	21.71	21.82		
10	64QAM	1	49	21.64	21.69	21.74		
10	64QAM	25	0	20.72	20.67	20.71	21.8	3
10	64QAM	25	12	20.62	20.58	20.58		
10	64QAM	25	25	20.70	20.64	20.74		
10	64QAM	50	0	20.62	20.66	20.64		
10	256QAM	1	0	18.87	18.88	18.80	19.8	5
10	256QAM	1	25	18.95	18.95	18.83		
10	256QAM	1	49	18.83	18.82	18.84		
10	256QAM	25	0	18.75	18.71	18.63	19.8	5
10	256QAM	25	12	18.69	18.66	18.69		
10	256QAM	25	25	18.66	18.61	18.55		
10	256QAM	50	0	18.64	18.64	18.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.77	23.83	23.70	24.8	0
5	QPSK	1	12	23.78	23.77	23.75		
5	QPSK	1	24	23.71	23.73	23.58		
5	QPSK	12	0	22.61	22.78	22.62	23.8	1
5	QPSK	12	7	22.67	22.71	22.64		
5	QPSK	12	13	22.63	22.64	22.65		
5	QPSK	25	0	22.65	22.76	22.62		
5	16QAM	1	0	22.76	22.70	22.67	23.8	1
5	16QAM	1	12	22.79	22.80	22.80		
5	16QAM	1	24	22.71	22.68	22.76		
5	16QAM	12	0	21.74	21.69	21.73	22.8	2
5	16QAM	12	7	21.76	21.74	21.74		
5	16QAM	12	13	21.71	21.72	21.70		
5	16QAM	25	0	21.77	21.77	21.74		
5	64QAM	1	0	21.75	21.71	21.77	22.8	2
5	64QAM	1	12	21.74	21.73	21.79		
5	64QAM	1	24	21.63	21.72	21.72		
5	64QAM	12	0	20.67	20.73	20.69	21.8	3
5	64QAM	12	7	20.60	20.61	20.59		
5	64QAM	12	13	20.65	20.62	20.69		
5	64QAM	25	0	20.63	20.61	20.67		
5	256QAM	1	0	18.83	18.85	18.77	19.8	5
5	256QAM	1	12	19.00	18.89	18.87		
5	256QAM	1	24	18.79	18.86	18.83		
5	256QAM	12	0	18.75	18.62	18.57	19.8	5
5	256QAM	12	7	18.65	18.71	18.73		
5	256QAM	12	13	18.62	18.65	18.56		
5	256QAM	25	0	18.67	18.66	18.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.71	23.82	23.76	24.8	0
3	QPSK	1	8	23.77	23.81	23.78		
3	QPSK	1	14	23.71	23.73	23.52		
3	QPSK	8	0	22.70	22.70	22.69	23.8	1
3	QPSK	8	4	22.68	22.71	22.65		
3	QPSK	8	7	22.66	22.69	22.66		
3	QPSK	15	0	22.64	22.70	22.66		
3	16QAM	1	0	22.72	22.73	22.65	23.8	1
3	16QAM	1	8	22.83	22.77	22.77		
3	16QAM	1	14	22.73	22.65	22.70		
3	16QAM	8	0	21.77	21.69	21.82	22.8	2
3	16QAM	8	4	21.77	21.70	21.67		
3	16QAM	8	7	21.72	21.66	21.71		
3	16QAM	15	0	21.83	21.74	21.76		
3	64QAM	1	0	21.75	21.70	21.77	22.8	2
3	64QAM	1	8	21.79	21.73	21.79		
3	64QAM	1	14	21.62	21.63	21.71		
3	64QAM	8	0	20.70	20.70	20.68	21.8	3
3	64QAM	8	4	20.66	20.57	20.54		
3	64QAM	8	7	20.70	20.59	20.65		
3	64QAM	15	0	20.60	20.65	20.67		
3	256QAM	1	0	18.90	18.80	18.79	19.8	5
3	256QAM	1	8	18.96	18.93	18.84		
3	256QAM	1	14	18.79	18.86	18.83		
3	256QAM	8	0	18.70	18.64	18.65	19.8	5
3	256QAM	8	4	18.62	18.66	18.64		
3	256QAM	8	7	18.67	18.59	18.55		
3	256QAM	15	0	18.57	18.64	18.61		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.70	23.84	23.74	24.8	0
1.4	QPSK	1	3	23.74	23.82	23.70		
1.4	QPSK	1	5	23.71	23.73	23.58		
1.4	QPSK	3	0	23.80	23.79	23.68		
1.4	QPSK	3	1	23.80	23.74	23.77		
1.4	QPSK	3	3	23.67	23.75	23.73		
1.4	QPSK	6	0	22.71	22.73	22.58	23.8	1
1.4	16QAM	1	0	22.70	22.75	22.69	23.8	1
1.4	16QAM	1	3	22.85	22.78	22.81		
1.4	16QAM	1	5	22.73	22.68	22.74		
1.4	16QAM	3	0	22.77	22.69	22.81		
1.4	16QAM	3	1	22.69	22.69	22.75		
1.4	16QAM	3	3	22.77	22.69	22.80		
1.4	16QAM	6	0	21.83	21.77	21.78	22.8	2
1.4	64QAM	1	0	21.83	21.74	21.85	22.8	2
1.4	64QAM	1	3	21.74	21.75	21.74		
1.4	64QAM	1	5	21.66	21.72	21.76		
1.4	64QAM	3	0	21.72	21.77	21.72		
1.4	64QAM	3	1	21.79	21.78	21.78		
1.4	64QAM	3	3	21.75	21.69	21.65		
1.4	64QAM	6	0	20.63	20.66	20.72	21.8	3
1.4	256QAM	1	0	18.88	18.81	18.83	19.8	5
1.4	256QAM	1	3	18.97	18.94	18.82		
1.4	256QAM	1	5	18.82	18.84	18.87		
1.4	256QAM	3	0	18.88	18.80	18.76		
1.4	256QAM	3	1	18.79	18.87	18.83		
1.4	256QAM	3	3	18.79	18.82	18.86		
1.4	256QAM	6	0	18.58	18.67	18.60	19.8	5

Band 5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.95	22.94	22.93	24	0
10	QPSK	1	25	22.90	22.90	22.87		
10	QPSK	1	49	22.78	22.90	22.75		
10	QPSK	25	0	21.98	21.96	21.95	23	1
10	QPSK	25	12	21.96	21.93	21.92		
10	QPSK	25	25	21.85	21.90	21.90		
10	QPSK	50	0	21.97	21.96	21.95		
10	16QAM	1	0	22.32	22.30	22.38	23	1
10	16QAM	1	25	21.97	21.90	22.07		
10	16QAM	1	49	22.31	22.14	22.08		
10	16QAM	25	0	20.81	20.91	20.94	22	2
10	16QAM	25	12	20.88	20.91	20.98		
10	16QAM	25	25	20.87	20.91	20.96		
10	16QAM	50	0	20.94	20.86	20.98		
10	64QAM	1	0	21.09	20.84	21.13	22	2
10	64QAM	1	25	20.92	20.80	21.25		
10	64QAM	1	49	20.83	20.79	21.29		
10	64QAM	25	0	19.86	19.83	19.93	21	3
10	64QAM	25	12	19.96	19.88	19.87		
10	64QAM	25	25	19.82	19.92	19.94		
10	64QAM	50	0	19.93	19.90	19.98		
10	256QAM	1	0	17.99	17.94	17.92	19	5
10	256QAM	1	25	17.95	18.07	17.98		
10	256QAM	1	49	17.98	17.99	17.91		
10	256QAM	25	0	17.90	17.89	17.86	19	5
10	256QAM	25	12	17.91	17.97	17.94		
10	256QAM	25	25	17.94	17.94	17.93		
10	256QAM	50	0	17.95	17.91	17.92		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.65	22.82	22.70	24	0
5	QPSK	1	12	22.60	22.77	22.77		
5	QPSK	1	24	22.50	22.63	22.71		
5	QPSK	12	0	21.54	21.58	21.73	23	1
5	QPSK	12	7	21.71	21.53	21.88		
5	QPSK	12	13	21.57	21.66	21.68		
5	QPSK	25	0	21.62	21.62	21.69		
5	16QAM	1	0	21.99	21.88	21.79	23	1
5	16QAM	1	12	21.89	22.43	22.20		
5	16QAM	1	24	21.97	22.04	22.06		
5	16QAM	12	0	20.61	20.62	20.70	22	2
5	16QAM	12	7	20.68	20.76	20.72		
5	16QAM	12	13	20.68	20.74	20.85		
5	16QAM	25	0	20.71	20.66	20.73		
5	64QAM	1	0	21.82	21.68	21.74	22	2
5	64QAM	1	12	21.79	21.68	21.83		
5	64QAM	1	24	21.88	21.84	21.74		
5	64QAM	12	0	20.62	20.58	20.69	21	3
5	64QAM	12	7	20.72	20.65	20.75		
5	64QAM	12	13	20.79	20.67	20.65		
5	64QAM	25	0	20.68	20.75	20.70		
5	256QAM	1	0	18.03	17.97	17.91	19	5
5	256QAM	1	12	17.96	18.11	18.00		
5	256QAM	1	24	17.98	18.01	17.95		
5	256QAM	12	0	17.91	17.90	17.83	19	5
5	256QAM	12	7	17.87	17.95	17.92		
5	256QAM	12	13	17.93	17.95	17.92		
5	256QAM	25	0	17.91	17.90	17.90		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.62	22.67	22.53	24	0
3	QPSK	1	8	22.65	22.59	22.62		
3	QPSK	1	14	22.54	22.65	22.59		
3	QPSK	8	0	21.68	21.62	21.68	23	1
3	QPSK	8	4	21.67	21.63	21.71		
3	QPSK	8	7	21.62	21.62	21.65		
3	QPSK	15	0	21.56	21.57	21.55		
3	16QAM	1	0	21.50	21.98	22.26	23	1
3	16QAM	1	8	22.19	22.10	22.01		
3	16QAM	1	14	22.02	21.83	22.15		
3	16QAM	8	0	20.61	20.60	20.80	22	2
3	16QAM	8	4	20.71	20.79	20.84		
3	16QAM	8	7	20.72	20.72	20.92		
3	16QAM	15	0	20.76	20.69	20.67		
3	64QAM	1	0	21.67	21.78	21.53	22	2
3	64QAM	1	8	21.90	21.78	21.70		
3	64QAM	1	14	21.77	21.78	21.81		
3	64QAM	8	0	20.54	20.65	20.70	21	3
3	64QAM	8	4	20.62	20.69	20.73		
3	64QAM	8	7	20.63	20.66	20.78		
3	64QAM	15	0	20.63	20.79	20.64		
3	256QAM	1	0	18.03	17.90	17.95	19	5
3	256QAM	1	8	17.98	18.05	18.01		
3	256QAM	1	14	17.97	17.99	17.93		
3	256QAM	8	0	17.90	17.85	17.85	19	5
3	256QAM	8	4	17.95	17.93	17.93		
3	256QAM	8	7	17.95	17.94	17.90		
3	256QAM	15	0	17.96	17.90	17.93		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.69	22.56	22.50	24	0
1.4	QPSK	1	3	22.51	22.55	22.69		
1.4	QPSK	1	5	22.60	22.60	22.50		
1.4	QPSK	3	0	22.58	22.61	22.72		
1.4	QPSK	3	1	22.69	22.65	22.68		
1.4	QPSK	3	3	22.65	22.59	22.63		
1.4	QPSK	6	0	21.55	21.58	21.52	23	1
1.4	16QAM	1	0	22.08	21.88	21.77	23	1
1.4	16QAM	1	3	22.00	21.97	22.04		
1.4	16QAM	1	5	22.02	22.08	22.31		
1.4	16QAM	3	0	21.67	21.87	21.70		
1.4	16QAM	3	1	21.62	21.88	21.72		
1.4	16QAM	3	3	21.70	21.99	21.88		
1.4	16QAM	6	0	20.79	20.78	20.77	22	2
1.4	64QAM	1	0	20.70	20.60	21.09	22	2
1.4	64QAM	1	3	21.01	20.50	20.89		
1.4	64QAM	1	5	20.67	20.51	21.11		
1.4	64QAM	3	0	20.88	20.65	20.74		
1.4	64QAM	3	1	21.14	20.93	20.71		
1.4	64QAM	3	3	20.62	20.86	20.90		
1.4	64QAM	6	0	19.53	19.57	19.69	21	3
1.4	256QAM	1	0	17.98	17.94	17.89	19	5
1.4	256QAM	1	3	17.92	18.06	18.02		
1.4	256QAM	1	5	17.94	17.99	17.95		
1.4	256QAM	3	0	17.91	17.93	17.86		
1.4	256QAM	3	1	17.92	17.96	17.92		
1.4	256QAM	3	3	17.94	17.97	17.97		
1.4	256QAM	6	0	17.99	17.91	17.88	19	5

Band 7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.41	23.50	23.47	24	0
20	QPSK	1	49	23.35	23.48	23.43		
20	QPSK	1	99	23.40	23.47	23.46		
20	QPSK	50	0	22.50	22.66	22.61	23	1
20	QPSK	50	24	22.48	22.60	22.56		
20	QPSK	50	50	22.49	22.58	22.60		
20	QPSK	100	0	22.47	22.66	22.56		
20	16QAM	1	0	22.59	22.52	22.55	23	1
20	16QAM	1	49	22.53	22.61	22.51		
20	16QAM	1	99	22.50	22.60	22.57		
20	16QAM	50	0	21.38	21.57	21.53	22	2
20	16QAM	50	24	21.49	21.70	21.56		
20	16QAM	50	50	21.51	21.68	21.67		
20	16QAM	100	0	21.48	21.67	21.59		
20	64QAM	1	0	21.50	21.58	21.65	22	2
20	64QAM	1	49	21.58	21.54	21.60		
20	64QAM	1	99	21.61	21.62	21.58		
20	64QAM	50	0	20.35	20.57	20.52	21	3
20	64QAM	50	24	20.49	20.68	20.57		
20	64QAM	50	50	20.48	20.67	20.65		
20	64QAM	100	0	20.47	20.68	20.53		
20	256QAM	1	0	18.58	18.49	18.52	19	5
20	256QAM	1	49	18.52	18.44	18.54		
20	256QAM	1	99	18.42	18.42	18.39		
20	256QAM	50	0	18.33	18.34	18.38	19	5
20	256QAM	50	24	18.47	18.40	18.36		
20	256QAM	50	50	18.38	18.39	18.36		
20	256QAM	100	0	18.40	18.36	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.22	23.47	23.48	24	0
15	QPSK	1	37	23.31	23.45	23.42		
15	QPSK	1	74	23.35	23.38	23.22		
15	QPSK	36	0	22.43	22.54	22.54	23	1
15	QPSK	36	20	22.47	22.66	22.67		
15	QPSK	36	39	22.43	22.66	22.48		
15	QPSK	75	0	22.47	22.69	22.64		
15	16QAM	1	0	22.55	22.64	22.62	23	1
15	16QAM	1	37	22.69	22.65	22.65		
15	16QAM	1	74	22.64	22.55	22.67		
15	16QAM	36	0	21.45	21.59	21.53	22	2
15	16QAM	36	20	21.46	21.52	21.70		
15	16QAM	36	39	21.47	21.67	21.65		
15	16QAM	75	0	21.45	21.58	21.66		
15	64QAM	1	0	21.56	21.61	21.58	22	2
15	64QAM	1	37	21.61	21.66	21.65		
15	64QAM	1	74	21.67	21.63	21.61		
15	64QAM	36	0	20.42	20.58	20.54	21	3
15	64QAM	36	20	20.45	20.70	20.67		
15	64QAM	36	39	20.48	20.68	20.68		
15	64QAM	75	0	20.48	20.69	20.67		
15	256QAM	1	0	18.63	18.52	18.62	19	5
15	256QAM	1	37	18.64	18.69	18.65		
15	256QAM	1	74	18.69	18.65	18.63		
15	256QAM	36	0	18.61	18.57	18.63	19	5
15	256QAM	36	20	18.69	18.67	18.60		
15	256QAM	36	39	18.62	18.68	18.69		
15	256QAM	75	0	18.66	18.67	18.64		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.36	23.48	23.45	24	0
10	QPSK	1	25	23.41	23.44	23.37		
10	QPSK	1	49	23.41	23.45	23.00		
10	QPSK	25	0	22.56	22.59	22.68	23	1
10	QPSK	25	12	22.58	22.70	22.50		
10	QPSK	25	25	22.59	22.68	22.13		
10	QPSK	50	0	22.54	22.68	22.44		
10	16QAM	1	0	22.68	22.52	22.42	23	1
10	16QAM	1	25	22.40	22.56	22.57		
10	16QAM	1	49	22.45	22.60	22.24		
10	16QAM	25	0	21.57	21.69	21.60	22	2
10	16QAM	25	12	21.57	21.64	21.68		
10	16QAM	25	25	21.58	21.61	21.35		
10	16QAM	50	0	21.56	21.68	21.62		
10	64QAM	1	0	21.60	21.53	21.50	22	2
10	64QAM	1	25	21.59	21.60	21.63		
10	64QAM	1	49	21.66	21.62	21.35		
10	64QAM	25	0	20.55	20.59	20.69	21	3
10	64QAM	25	12	20.56	20.62	20.70		
10	64QAM	25	25	20.57	20.70	20.39		
10	64QAM	50	0	20.57	20.69	20.70		
10	256QAM	1	0	18.66	18.64	18.61	19	5
10	256QAM	1	25	18.60	18.61	18.69		
10	256QAM	1	49	18.65	18.65	18.63		
10	256QAM	25	0	18.61	18.62	18.64	19	5
10	256QAM	25	12	18.61	18.60	18.67		
10	256QAM	25	25	18.67	18.68	18.61		
10	256QAM	50	0	18.61	18.68	18.61		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.40	23.38	23.30	24	0
5	QPSK	1	12	23.43	23.40	23.08		
5	QPSK	1	24	23.43	23.35	22.99		
5	QPSK	12	0	22.46	22.54	22.21	23	1
5	QPSK	12	7	22.53	22.62	22.15		
5	QPSK	12	13	22.56	22.64	22.04		
5	QPSK	25	0	22.52	22.58	22.02		
5	16QAM	1	0	22.63	22.44	22.34	23	1
5	16QAM	1	12	22.45	22.62	22.35		
5	16QAM	1	24	22.66	22.62	22.19		
5	16QAM	12	0	21.51	21.57	21.32	22	2
5	16QAM	12	7	21.58	21.68	21.30		
5	16QAM	12	13	21.63	21.66	21.19		
5	16QAM	25	0	21.55	21.64	21.23		
5	64QAM	1	0	21.64	21.60	21.56	22	2
5	64QAM	1	12	21.67	21.48	21.46		
5	64QAM	1	24	21.59	21.55	21.29		
5	64QAM	12	0	20.45	20.60	20.41	21	3
5	64QAM	12	7	20.59	20.68	20.34		
5	64QAM	12	13	20.60	20.69	20.26		
5	64QAM	25	0	20.53	20.60	20.29		
5	256QAM	1	0	18.62	18.63	18.61	19	5
5	256QAM	1	12	18.62	18.64	18.65		
5	256QAM	1	24	18.67	18.60	18.60		
5	256QAM	12	0	18.65	18.61	18.63	19	5
5	256QAM	12	7	18.63	18.69	18.68		
5	256QAM	12	13	18.64	18.65	18.63		
5	256QAM	25	0	18.67	18.64	18.64		

Band 7_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.98	23.02	23.01	24.8	0
20	QPSK	1	49	22.95	22.95	22.93		
20	QPSK	1	99	22.91	22.93	22.90		
20	QPSK	50	0	21.99	22.00	21.99	23.8	1
20	QPSK	50	24	21.98	21.92	21.96		
20	QPSK	50	50	21.97	21.91	21.95		
20	QPSK	100	0	21.96	21.99	21.98		
20	16QAM	1	0	21.97	21.93	21.98	23.8	1
20	16QAM	1	49	21.89	21.91	21.89		
20	16QAM	1	99	22.00	21.98	21.96		
20	16QAM	50	0	20.90	20.92	20.93	22.8	2
20	16QAM	50	24	20.87	20.92	20.90		
20	16QAM	50	50	20.97	20.98	21.04		
20	16QAM	100	0	21.03	21.01	21.01		
20	64QAM	1	0	20.97	20.94	20.95	22.8	2
20	64QAM	1	49	20.96	20.91	20.92		
20	64QAM	1	99	20.93	20.92	20.96		
20	64QAM	50	0	19.86	19.91	19.87	21.8	3
20	64QAM	50	24	19.83	19.87	19.83		
20	64QAM	50	50	19.94	19.94	20.00		
20	64QAM	100	0	20.00	19.96	19.97		
20	256QAM	1	0	18.05	18.08	18.14	19.8	5
20	256QAM	1	49	18.09	18.10	18.15		
20	256QAM	1	99	18.14	18.13	18.16		
20	256QAM	50	0	17.98	17.93	17.93	19.8	5
20	256QAM	50	24	17.97	17.92	17.97		
20	256QAM	50	50	17.99	17.98	18.01		
20	256QAM	100	0	18.00	17.97	17.94		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.93	22.97	22.94	24.8	0
15	QPSK	1	37	22.85	22.86	22.81		
15	QPSK	1	74	22.88	22.80	22.80		
15	QPSK	36	0	21.85	21.97	21.90	23.8	1
15	QPSK	36	20	21.85	21.82	21.93		
15	QPSK	36	39	21.92	21.84	21.83		
15	QPSK	75	0	21.88	21.95	21.95		
15	16QAM	1	0	21.84	21.83	21.86	23.8	1
15	16QAM	1	37	21.83	21.83	21.85		
15	16QAM	1	74	21.91	21.91	21.84		
15	16QAM	36	0	20.80	20.82	20.89	22.8	2
15	16QAM	36	20	20.81	20.87	20.78		
15	16QAM	36	39	20.86	20.92	20.95		
15	16QAM	75	0	20.95	20.94	20.92		
15	64QAM	1	0	20.85	20.86	20.90	22.8	2
15	64QAM	1	37	20.85	20.86	20.85		
15	64QAM	1	74	20.89	20.81	20.85		
15	64QAM	36	0	19.77	19.80	19.81	21.8	3
15	64QAM	36	20	19.78	19.75	19.74		
15	64QAM	36	39	19.87	19.90	19.88		
15	64QAM	75	0	19.97	19.83	19.90		
15	256QAM	1	0	17.98	18.03	18.06	19.8	5
15	256QAM	1	37	18.06	18.05	18.04		
15	256QAM	1	74	18.06	18.08	18.03		
15	256QAM	36	0	17.90	17.85	17.86	19.8	5
15	256QAM	36	20	17.86	17.87	17.90		
15	256QAM	36	39	17.94	17.91	17.97		
15	256QAM	75	0	17.88	17.92	17.91		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.94	22.95	22.95	24.8	0
10	QPSK	1	25	22.85	22.91	22.87		
10	QPSK	1	49	22.80	22.82	22.85		
10	QPSK	25	0	21.85	21.94	21.91	23.8	1
10	QPSK	25	12	21.94	21.81	21.90		
10	QPSK	25	25	21.88	21.83	21.83		
10	QPSK	50	0	21.89	21.88	21.85		
10	16QAM	1	0	21.94	21.82	21.91	23.8	1
10	16QAM	1	25	21.80	21.85	21.85		
10	16QAM	1	49	21.97	21.95	21.83		
10	16QAM	25	0	20.82	20.85	20.83	22.8	2
10	16QAM	25	12	20.83	20.84	20.80		
10	16QAM	25	25	20.87	20.90	20.99		
10	16QAM	50	0	20.97	20.94	20.88		
10	64QAM	1	0	20.84	20.88	20.88	22.8	2
10	64QAM	1	25	20.88	20.88	20.83		
10	64QAM	1	49	20.87	20.79	20.93		
10	64QAM	25	0	19.80	19.88	19.84	21.8	3
10	64QAM	25	12	19.79	19.76	19.78		
10	64QAM	25	25	19.89	19.84	19.91		
10	64QAM	50	0	19.89	19.91	19.84		
10	256QAM	1	0	17.95	18.00	18.09	19.8	5
10	256QAM	1	25	18.05	17.98	18.04		
10	256QAM	1	49	18.08	18.00	18.05		
10	256QAM	25	0	17.93	17.80	17.85	19.8	5
10	256QAM	25	12	17.85	17.84	17.90		
10	256QAM	25	25	17.91	17.86	17.88		
10	256QAM	50	0	17.94	17.92	17.83		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.92	22.95	22.90	24.8	0
5	QPSK	1	12	22.83	22.92	22.88		
5	QPSK	1	24	22.83	22.85	22.85		
5	QPSK	12	0	21.87	21.87	21.93	23.8	1
5	QPSK	12	7	21.93	21.82	21.87		
5	QPSK	12	13	21.92	21.81	21.90		
5	QPSK	25	0	21.85	21.96	21.85		
5	16QAM	1	0	21.94	21.80	21.87	23.8	1
5	16QAM	1	12	21.78	21.88	21.78		
5	16QAM	1	24	21.97	21.89	21.85		
5	16QAM	12	0	20.84	20.84	20.82	22.8	2
5	16QAM	12	7	20.80	20.80	20.82		
5	16QAM	12	13	20.88	20.85	20.94		
5	16QAM	25	0	20.92	20.95	20.95		
5	64QAM	1	0	20.84	20.88	20.83	22.8	2
5	64QAM	1	12	20.92	20.84	20.86		
5	64QAM	1	24	20.87	20.88	20.85		
5	64QAM	12	0	19.78	19.79	19.75	21.8	3
5	64QAM	12	7	19.79	19.75	19.76		
5	64QAM	12	13	19.88	19.88	19.94		
5	64QAM	25	0	19.95	19.90	19.91		
5	256QAM	1	0	18.00	18.03	18.02	19.8	5
5	256QAM	1	12	17.97	18.03	18.11		
5	256QAM	1	24	18.09	18.03	18.06		
5	256QAM	12	0	17.90	17.81	17.89	19.8	5
5	256QAM	12	7	17.88	17.89	17.87		
5	256QAM	12	13	17.92	17.92	17.88		
5	256QAM	25	0	17.94	17.94	17.90		

Band 12_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	23.00	22.87	24	0
10	QPSK	1	25	22.77	22.78	22.74		
10	QPSK	1	49	22.70	22.55	22.64		
10	QPSK	25	0	21.74	21.77	21.75	23	1
10	QPSK	25	12	21.72	21.74	21.74		
10	QPSK	25	25	21.73	21.76	21.72		
10	QPSK	50	0	21.71	21.75	21.74		
10	16QAM	1	0	22.11	21.98	22.17	23	1
10	16QAM	1	25	22.34	22.10	22.09		
10	16QAM	1	49	22.36	22.03	21.99		
10	16QAM	25	0	20.82	20.70	20.72	22	2
10	16QAM	25	12	20.83	20.76	20.80		
10	16QAM	25	25	20.80	20.80	20.66		
10	16QAM	50	0	20.70	20.62	20.79		
10	64QAM	1	0	20.61	21.03	21.03	22	2
10	64QAM	1	25	21.12	21.06	21.07		
10	64QAM	1	49	20.98	21.11	20.94		
10	64QAM	25	0	19.70	19.80	19.68	21	3
10	64QAM	25	12	19.70	19.76	19.68		
10	64QAM	25	25	19.71	19.76	19.77		
10	64QAM	50	0	19.73	19.69	19.78		
10	256QAM	1	0	17.96	18.04	17.95	19	5
10	256QAM	1	25	17.99	18.03	17.97		
10	256QAM	1	49	18.03	17.95	17.94		
10	256QAM	25	0	17.93	17.97	17.90	19	5
10	256QAM	25	12	17.96	17.89	18.00		
10	256QAM	25	25	17.95	17.91	17.92		
10	256QAM	50	0	18.00	17.90	17.94		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.66	22.66	22.65	24	0
5	QPSK	1	12	22.76	22.75	22.72		
5	QPSK	1	24	22.69	22.67	22.65		
5	QPSK	12	0	21.69	21.69	21.65	23	1
5	QPSK	12	7	21.78	21.70	21.67		
5	QPSK	12	13	21.73	21.74	21.72		
5	QPSK	25	0	21.75	21.67	21.64		
5	16QAM	1	0	22.10	22.02	22.03	23	1
5	16QAM	1	12	22.16	22.15	22.18		
5	16QAM	1	24	22.05	22.09	22.00		
5	16QAM	12	0	20.76	20.77	20.71	22	2
5	16QAM	12	7	20.83	20.81	20.73		
5	16QAM	12	13	20.79	20.83	20.74		
5	16QAM	25	0	20.77	20.70	20.63		
5	64QAM	1	0	20.99	20.95	20.95	22	2
5	64QAM	1	12	21.02	21.06	20.98		
5	64QAM	1	24	20.89	20.95	20.96		
5	64QAM	12	0	19.73	19.75	19.66	21	3
5	64QAM	12	7	19.80	19.74	19.67		
5	64QAM	12	13	19.78	19.79	19.72		
5	64QAM	25	0	19.77	19.69	19.63		
5	256QAM	1	0	17.96	18.07	17.93	19	5
5	256QAM	1	12	18.01	18.07	18.01		
5	256QAM	1	24	18.07	17.98	17.96		
5	256QAM	12	0	17.97	17.98	17.89	19	5
5	256QAM	12	7	17.96	17.89	17.98		
5	256QAM	12	13	17.98	17.91	17.90		
5	256QAM	25	0	18.00	17.90	17.95		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.66	22.59	22.58	24	0
3	QPSK	1	8	22.69	22.66	22.61		
3	QPSK	1	14	22.57	22.58	22.52		
3	QPSK	8	0	21.74	21.65	21.61	23	1
3	QPSK	8	4	21.72	21.73	21.59		
3	QPSK	8	7	21.70	21.69	21.62		
3	QPSK	15	0	21.68	21.63	21.55		
3	16QAM	1	0	21.94	22.01	21.96	23	1
3	16QAM	1	8	22.11	22.08	22.04		
3	16QAM	1	14	21.99	21.93	21.91		
3	16QAM	8	0	20.84	20.75	20.70	22	2
3	16QAM	8	4	20.83	20.81	20.70		
3	16QAM	8	7	20.80	20.78	20.72		
3	16QAM	15	0	20.73	20.65	20.58		
3	64QAM	1	0	20.92	20.86	20.83	22	2
3	64QAM	1	8	20.94	20.90	20.89		
3	64QAM	1	14	20.92	20.86	20.83		
3	64QAM	8	0	19.77	19.72	19.64	21	3
3	64QAM	8	4	19.80	19.79	19.66		
3	64QAM	8	7	19.77	19.70	19.68		
3	64QAM	15	0	19.74	19.65	19.62		
3	256QAM	1	0	17.96	18.02	17.95	19	5
3	256QAM	1	8	18.03	18.02	17.99		
3	256QAM	1	14	17.99	17.98	17.91		
3	256QAM	8	0	17.97	17.93	17.93	19	5
3	256QAM	8	4	17.93	17.85	17.96		
3	256QAM	8	7	17.93	17.90	17.88		
3	256QAM	15	0	18.00	17.87	17.97		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.68	22.64	22.58	24	0
1.4	QPSK	1	3	22.65	22.67	22.61		
1.4	QPSK	1	5	22.60	22.62	22.57		
1.4	QPSK	3	0	22.68	22.69	22.63		
1.4	QPSK	3	1	22.69	22.70	22.66		
1.4	QPSK	3	3	22.68	22.70	22.62		
1.4	QPSK	6	0	21.68	21.59	21.60	23	1
1.4	16QAM	1	0	22.06	22.05	22.10	23	1
1.4	16QAM	1	3	22.08	22.12	21.95		
1.4	16QAM	1	5	22.03	22.03	22.00		
1.4	16QAM	3	0	21.89	21.92	21.79		
1.4	16QAM	3	1	21.87	21.87	21.78		
1.4	16QAM	3	3	21.88	21.85	21.77		
1.4	16QAM	6	0	20.77	20.69	20.67	22	2
1.4	64QAM	1	0	20.96	20.91	20.88	22	2
1.4	64QAM	1	3	20.90	20.94	20.84		
1.4	64QAM	1	5	20.83	20.89	20.79		
1.4	64QAM	3	0	20.86	20.84	20.75		
1.4	64QAM	3	1	20.83	20.88	20.79		
1.4	64QAM	3	3	20.78	20.73	20.72		
1.4	64QAM	6	0	19.75	19.64	19.65	21	3
1.4	256QAM	1	0	17.96	18.04	17.96	19	5
1.4	256QAM	1	3	18.03	18.06	17.96		
1.4	256QAM	1	5	18.02	17.96	17.97		
1.4	256QAM	3	0	17.91	17.97	17.91		
1.4	256QAM	3	1	17.99	17.93	17.97		
1.4	256QAM	3	3	17.97	17.89	17.88		
1.4	256QAM	6	0	18.02	17.90	17.93	19	5

Band 13_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.05		24	0
10	QPSK	1	25		23.01			
10	QPSK	1	49		23.04			
10	QPSK	25	0		22.06		23	1
10	QPSK	25	12		22.05			
10	QPSK	25	25		22.00			
10	QPSK	50	0		22.05			
10	16QAM	1	0		22.78		23	1
10	16QAM	1	25		22.36			
10	16QAM	1	49		22.54			
10	16QAM	25	0		21.10		22	2
10	16QAM	25	12		21.15			
10	16QAM	25	25		21.14			
10	16QAM	50	0		21.02			
10	64QAM	1	0		21.18		22	2
10	64QAM	1	25		21.38			
10	64QAM	1	49		21.36			
10	64QAM	25	0		20.04		21	3
10	64QAM	25	12		20.17			
10	64QAM	25	25		20.06			
10	64QAM	50	0		20.15			
10	256QAM	1	0		18.14		19	5
10	256QAM	1	25		18.21			
10	256QAM	1	49		18.10			
10	256QAM	25	0		17.99		19	5
10	256QAM	25	12		18.02			
10	256QAM	25	25		18.00			
10	256QAM	50	0		18.06			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.80	22.78	22.86	24	0
5	QPSK	1	12	22.79	22.91	22.74		
5	QPSK	1	24	22.85	22.75	22.79		
5	QPSK	12	0	21.78	21.73	21.76	23	1
5	QPSK	12	7	21.78	21.76	21.72		
5	QPSK	12	13	21.79	21.78	21.78		
5	QPSK	25	0	21.79	21.73	21.79		
5	16QAM	1	0	22.31	22.07	22.01	23	1
5	16QAM	1	12	22.24	22.28	22.39		
5	16QAM	1	24	22.04	22.20	22.31		
5	16QAM	12	0	20.81	20.80	20.77	22	2
5	16QAM	12	7	20.87	20.90	20.87		
5	16QAM	12	13	20.75	20.88	20.84		
5	16QAM	25	0	20.78	20.80	20.75		
5	64QAM	1	0	20.89	20.91	21.27	22	2
5	64QAM	1	12	20.85	21.31	21.04		
5	64QAM	1	24	20.82	21.00	20.90		
5	64QAM	12	0	19.80	19.77	19.93	21	3
5	64QAM	12	7	19.91	19.78	19.78		
5	64QAM	12	13	19.87	19.79	19.90		
5	64QAM	25	0	19.80	19.81	19.82		
5	256QAM	1	0	18.15	18.06	18.23	19	5
5	256QAM	1	12	18.22	18.18	18.26		
5	256QAM	1	24	18.14	18.06	18.17		
5	256QAM	12	0	18.01	17.98	18.02	19	5
5	256QAM	12	7	18.02	17.98	18.09		
5	256QAM	12	13	18.02	17.91	18.01		
5	256QAM	25	0	18.09	18.01	18.11		

Band 17_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.89	22.99	22.92	24	0
10	QPSK	1	25	22.81	22.92	22.83		
10	QPSK	1	49	22.72	22.86	22.62		
10	QPSK	25	0	21.82	21.84	21.82	23	1
10	QPSK	25	12	21.81	21.83	21.80		
10	QPSK	25	25	21.74	21.71	21.81		
10	QPSK	50	0	21.59	21.76	21.74		
10	16QAM	1	0	22.09	21.87	21.93	23	1
10	16QAM	1	25	22.12	22.19	22.36		
10	16QAM	1	49	21.96	22.09	22.18		
10	16QAM	25	0	20.77	20.66	20.77	22	2
10	16QAM	25	12	20.89	20.81	20.86		
10	16QAM	25	25	20.80	20.79	20.71		
10	16QAM	50	0	20.63	20.60	20.61		
10	64QAM	1	0	20.76	21.02	20.89	22	2
10	64QAM	1	25	21.05	20.96	20.98		
10	64QAM	1	49	20.89	20.84	20.55		
10	64QAM	25	0	19.68	19.75	19.78	21	3
10	64QAM	25	12	19.83	19.71	19.83		
10	64QAM	25	25	19.80	19.76	19.62		
10	64QAM	50	0	19.69	19.71	19.65		
10	256QAM	1	0	17.92	17.90	17.88	19	5
10	256QAM	1	25	18.01	18.00	17.98		
10	256QAM	1	49	18.02	17.88	17.93		
10	256QAM	25	0	17.99	17.96	17.93	19	5
10	256QAM	25	12	17.94	18.02	17.95		
10	256QAM	25	25	17.92	17.90	17.94		
10	256QAM	50	0	17.89	17.91	17.92		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.71	22.69	22.69	24	0
5	QPSK	1	12	22.65	22.68	22.69		
5	QPSK	1	24	22.56	22.61	22.61		
5	QPSK	12	0	21.66	21.69	21.67	23	1
5	QPSK	12	7	21.73	21.67	21.64		
5	QPSK	12	13	21.66	21.68	21.66		
5	QPSK	25	0	21.68	21.62	21.62		
5	16QAM	1	0	22.04	22.02	22.04	23	1
5	16QAM	1	12	22.11	22.02	22.19		
5	16QAM	1	24	21.97	21.98	21.96		
5	16QAM	12	0	20.73	20.75	20.75	22	2
5	16QAM	12	7	20.77	20.72	20.72		
5	16QAM	12	13	20.74	20.71	20.71		
5	16QAM	25	0	20.71	20.67	20.65		
5	64QAM	1	0	20.97	20.94	20.94	22	2
5	64QAM	1	12	20.89	20.99	20.93		
5	64QAM	1	24	20.84	20.86	20.85		
5	64QAM	12	0	19.72	19.74	19.71	21	3
5	64QAM	12	7	19.77	19.76	19.76		
5	64QAM	12	13	19.71	19.69	19.68		
5	64QAM	25	0	19.73	19.69	19.65		
5	256QAM	1	0	17.95	17.88	17.93	19	5
5	256QAM	1	12	17.97	18.02	18.03		
5	256QAM	1	24	17.99	17.93	17.90		
5	256QAM	12	0	18.03	17.90	17.99	19	5
5	256QAM	12	7	17.98	17.98	17.99		
5	256QAM	12	13	17.95	17.95	17.93		
5	256QAM	25	0	17.88	17.93	17.89		

Band 25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.09	24.11	24.03	24.8	0
20	QPSK	1	49	23.81	23.87	24.00		
20	QPSK	1	99	23.88	23.70	23.65		
20	QPSK	50	0	23.15	23.17	23.06	23.8	1
20	QPSK	50	24	23.14	23.15	23.02		
20	QPSK	50	50	23.11	23.13	23.05		
20	QPSK	100	0	23.13	23.16	23.03		
20	16QAM	1	0	23.41	23.31	23.31	23.8	1
20	16QAM	1	49	23.06	23.22	23.42		
20	16QAM	1	99	23.31	23.00	23.05		
20	16QAM	50	0	22.12	22.12	22.06	22.8	2
20	16QAM	50	24	22.19	22.24	22.05		
20	16QAM	50	50	22.10	22.18	22.06		
20	16QAM	100	0	22.13	22.17	22.02		
20	64QAM	1	0	22.18	22.39	22.26	22.8	2
20	64QAM	1	49	21.96	22.25	22.26		
20	64QAM	1	99	22.17	22.02	22.09		
20	64QAM	50	0	21.11	21.14	21.03	21.8	3
20	64QAM	50	24	21.18	21.19	21.05		
20	64QAM	50	50	21.10	21.15	21.06		
20	64QAM	100	0	21.14	21.20	21.04		
20	256QAM	1	0	19.56	19.55	19.50	19.8	5
20	256QAM	1	49	19.57	19.57	19.56		
20	256QAM	1	99	19.50	19.50	19.54		
20	256QAM	50	0	19.41	19.47	19.42	19.8	5
20	256QAM	50	24	19.49	19.48	19.44		
20	256QAM	50	50	19.52	19.52	19.48		
20	256QAM	100	0	19.48	19.46	19.43		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.10	24.10	23.97	24.8	0
15	QPSK	1	37	23.99	23.93	23.91		
15	QPSK	1	74	23.98	24.03	23.84		
15	QPSK	36	0	23.11	23.12	22.99	23.8	1
15	QPSK	36	20	23.17	23.19	23.00		
15	QPSK	36	39	23.13	23.18	23.05		
15	QPSK	75	0	23.16	23.17	22.97		
15	16QAM	1	0	23.38	23.32	23.29	23.8	1
15	16QAM	1	37	23.26	23.37	23.23		
15	16QAM	1	74	23.26	23.26	23.20		
15	16QAM	36	0	22.16	22.15	22.01	22.8	2
15	16QAM	36	20	22.20	22.20	21.97		
15	16QAM	36	39	22.14	22.19	22.04		
15	16QAM	75	0	22.17	22.20	22.00		
15	64QAM	1	0	22.20	22.30	22.12	22.8	2
15	64QAM	1	37	22.43	22.38	22.14		
15	64QAM	1	74	22.18	22.11	21.93		
15	64QAM	36	0	21.08	21.13	21.04	21.8	3
15	64QAM	36	20	21.19	21.22	20.98		
15	64QAM	36	39	21.12	21.16	21.01		
15	64QAM	75	0	21.18	21.17	20.96		
15	256QAM	1	0	19.51	19.56	19.51	19.8	5
15	256QAM	1	37	19.58	19.57	19.57		
15	256QAM	1	74	19.56	19.53	19.51		
15	256QAM	36	0	19.59	19.56	19.54	19.8	5
15	256QAM	36	20	19.54	19.54	19.56		
15	256QAM	36	39	19.59	19.56	19.52		
15	256QAM	75	0	19.50	19.45	19.54		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.08	24.01	24.06	24.8	0
10	QPSK	1	25	24.00	24.05	24.04		
10	QPSK	1	49	24.05	24.02	23.69		
10	QPSK	25	0	23.19	23.23	23.14	23.8	1
10	QPSK	25	12	23.30	23.32	23.17		
10	QPSK	25	25	23.24	23.26	23.04		
10	QPSK	50	0	23.25	23.26	23.10		
10	16QAM	1	0	23.35	23.33	23.40	23.8	1
10	16QAM	1	25	23.39	23.49	23.48		
10	16QAM	1	49	23.44	23.42	23.19		
10	16QAM	25	0	22.22	22.26	22.19	22.8	2
10	16QAM	25	12	22.29	22.30	22.17		
10	16QAM	25	25	22.26	22.24	22.13		
10	16QAM	50	0	22.26	22.27	22.15		
10	64QAM	1	0	22.34	22.47	22.21	22.8	2
10	64QAM	1	25	22.38	22.39	22.20		
10	64QAM	1	49	22.34	22.27	22.27		
10	64QAM	25	0	21.22	21.25	21.15	21.8	3
10	64QAM	25	12	21.28	21.30	21.18		
10	64QAM	25	25	21.26	21.28	21.11		
10	64QAM	50	0	21.27	21.29	21.16		
10	256QAM	1	0	19.52	19.45	19.53	19.8	5
10	256QAM	1	25	19.53	19.57	19.51		
10	256QAM	1	49	19.58	19.51	19.54		
10	256QAM	25	0	19.59	19.55	19.55	19.8	5
10	256QAM	25	12	19.57	19.56	19.58		
10	256QAM	25	25	19.56	19.46	19.55		
10	256QAM	50	0	19.57	19.54	19.59		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.03	24.10	24.04	24.8	0
5	QPSK	1	12	24.01	24.02	23.76		
5	QPSK	1	24	24.03	24.00	23.77		
5	QPSK	12	0	23.26	23.25	23.04	23.8	1
5	QPSK	12	7	23.24	23.28	23.11		
5	QPSK	12	13	23.24	23.26	22.85		
5	QPSK	25	0	23.24	23.23	22.91		
5	16QAM	1	0	23.42	23.42	23.34	23.8	1
5	16QAM	1	12	23.42	23.37	23.22		
5	16QAM	1	24	23.30	23.25	22.93		
5	16QAM	12	0	22.28	22.34	22.09	22.8	2
5	16QAM	12	7	22.30	22.35	22.17		
5	16QAM	12	13	22.27	22.30	22.07		
5	16QAM	25	0	22.27	22.27	22.04		
5	64QAM	1	0	22.50	22.45	22.21	22.8	2
5	64QAM	1	12	22.50	22.46	22.27		
5	64QAM	1	24	22.43	22.43	22.05		
5	64QAM	12	0	21.25	21.27	21.06	21.8	3
5	64QAM	12	7	21.29	21.26	21.14		
5	64QAM	12	13	21.27	21.25	21.04		
5	64QAM	25	0	21.27	21.27	21.02		
5	256QAM	1	0	19.52	19.46	19.51	19.8	5
5	256QAM	1	12	19.54	19.59	19.55		
5	256QAM	1	24	19.52	19.45	19.50		
5	256QAM	12	0	19.54	19.49	19.59	19.8	5
5	256QAM	12	7	19.53	19.58	19.56		
5	256QAM	12	13	19.55	19.54	19.55		
5	256QAM	25	0	19.58	19.46	19.56		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.98	23.94	23.80	24.8	0
3	QPSK	1	8	23.99	24.00	23.70		
3	QPSK	1	14	23.92	23.92	23.56		
3	QPSK	8	0	23.24	23.24	22.92	23.8	1
3	QPSK	8	4	23.24	23.25	22.80		
3	QPSK	8	7	23.22	23.28	22.82		
3	QPSK	15	0	23.21	23.22	22.85		
3	16QAM	1	0	23.34	23.36	23.16	23.8	1
3	16QAM	1	8	23.45	23.41	23.22		
3	16QAM	1	14	23.42	23.36	22.98		
3	16QAM	8	0	22.32	22.35	22.09	22.8	2
3	16QAM	8	4	22.31	22.31	22.07		
3	16QAM	8	7	22.29	22.36	21.97		
3	16QAM	15	0	22.23	22.26	21.99		
3	64QAM	1	0	22.32	22.44	22.13	22.8	2
3	64QAM	1	8	22.36	22.46	22.11		
3	64QAM	1	14	22.38	22.34	21.92		
3	64QAM	8	0	21.31	21.31	21.09	21.8	3
3	64QAM	8	4	21.28	21.29	21.11		
3	64QAM	8	7	21.24	21.28	21.04		
3	64QAM	15	0	21.18	21.28	21.11		
3	256QAM	1	0	19.50	19.46	19.56	19.8	5
3	256QAM	1	8	19.54	19.55	19.54		
3	256QAM	1	14	19.58	19.52	19.53		
3	256QAM	8	0	19.58	19.52	19.58	19.8	5
3	256QAM	8	4	19.56	19.51	19.51		
3	256QAM	8	7	19.56	19.55	19.50		
3	256QAM	15	0	19.57	19.46	19.50		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.02	23.95	23.79	24.8	0
1.4	QPSK	1	3	24.01	24.04	23.68		
1.4	QPSK	1	5	23.94	23.98	23.57		
1.4	QPSK	3	0	24.04	24.06	23.81		
1.4	QPSK	3	1	24.04	24.08	23.71		
1.4	QPSK	3	3	24.00	24.02	23.70		
1.4	QPSK	6	0	23.21	23.21	22.92	23.8	1
1.4	16QAM	1	0	23.34	23.44	23.09	23.8	1
1.4	16QAM	1	3	23.47	23.46	22.99		
1.4	16QAM	1	5	23.37	23.39	22.82		
1.4	16QAM	3	0	23.36	23.47	23.08		
1.4	16QAM	3	1	23.39	23.35	22.92		
1.4	16QAM	3	3	23.39	23.41	22.91		
1.4	16QAM	6	0	22.32	22.27	22.04	22.8	2
1.4	64QAM	1	0	22.33	22.40	22.21	22.8	2
1.4	64QAM	1	3	22.30	22.37	22.02		
1.4	64QAM	1	5	22.40	22.43	22.00		
1.4	64QAM	3	0	22.28	22.39	22.13		
1.4	64QAM	3	1	22.34	22.35	22.11		
1.4	64QAM	3	3	22.32	22.33	22.06		
1.4	64QAM	6	0	21.21	21.27	21.07	21.8	3
1.4	256QAM	1	0	19.51	19.56	19.54	19.8	5
1.4	256QAM	1	3	19.55	19.56	19.57		
1.4	256QAM	1	5	19.51	19.52	19.55		
1.4	256QAM	3	0	19.59	19.52	19.58		
1.4	256QAM	3	1	19.58	19.54	19.55		
1.4	256QAM	3	3	19.51	19.45	19.51		
1.4	256QAM	6	0	19.58	19.56	19.55	19.8	5

Band 26 for FCC_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.91	22.96	22.84	24	0
15	QPSK	1	37	22.84	22.82	22.82		
15	QPSK	1	74	22.77	22.88	22.72		
15	QPSK	36	0	21.76	21.77	21.75	23	1
15	QPSK	36	20	21.70	21.74	21.61		
15	QPSK	36	39	21.75	21.72	21.74		
15	QPSK	75	0	21.71	21.76	21.75		
15	16QAM	1	0	21.86	21.78	21.79	23	1
15	16QAM	1	37	22.03	21.91	22.28		
15	16QAM	1	74	22.14	21.70	21.95		
15	16QAM	36	0	20.71	20.70	20.72	22	2
15	16QAM	36	20	20.78	20.78	20.68		
15	16QAM	36	39	20.77	20.75	20.71		
15	16QAM	75	0	20.76	20.74	20.75		
15	64QAM	1	0	20.89	21.07	21.29	22	2
15	64QAM	1	37	20.72	21.09	20.81		
15	64QAM	1	74	20.86	21.02	20.70		
15	64QAM	36	0	19.69	19.63	19.67	21	3
15	64QAM	36	20	19.74	19.72	19.72		
15	64QAM	36	39	19.73	19.84	19.80		
15	64QAM	75	0	19.77	19.71	19.69		
15	256QAM	1	0	18.10	17.98	17.99	19	5
15	256QAM	1	37	18.00	18.06	18.02		
15	256QAM	1	74	18.01	17.99	17.91		
15	256QAM	36	0	17.96	18.05	17.85	19	5
15	256QAM	36	20	17.95	17.86	17.88		
15	256QAM	36	39	17.86	17.80	17.87		
15	256QAM	75	0	17.92	17.88	17.89		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.61	22.58	22.81	24	0
10	QPSK	1	25	22.76	22.66	22.76		
10	QPSK	1	49	22.65	22.58	22.62		
10	QPSK	25	0	21.67	21.69	21.75	23	1
10	QPSK	25	12	21.85	21.61	21.68		
10	QPSK	25	25	21.73	21.70	21.71		
10	QPSK	50	0	21.75	21.66	21.69		
10	16QAM	1	0	22.27	22.12	22.01	23	1
10	16QAM	1	25	22.14	22.33	21.76		
10	16QAM	1	49	22.01	22.14	22.12		
10	16QAM	25	0	20.69	20.73	20.90	22	2
10	16QAM	25	12	20.79	20.62	20.83		
10	16QAM	25	25	20.79	20.74	20.77		
10	16QAM	50	0	20.76	20.77	20.69		
10	64QAM	1	0	20.75	20.82	20.78	22	2
10	64QAM	1	25	21.27	21.01	21.17		
10	64QAM	1	49	20.62	21.06	20.66		
10	64QAM	25	0	19.77	19.75	19.85	21	3
10	64QAM	25	12	19.71	19.67	19.66		
10	64QAM	25	25	19.74	19.69	19.79		
10	64QAM	50	0	19.75	19.77	19.79		
10	256QAM	1	0	18.09	17.97	17.95	19	5
10	256QAM	1	25	17.99	17.98	18.02		
10	256QAM	1	49	18.05	17.88	18.02		
10	256QAM	25	0	17.95	17.81	18.08	19	5
10	256QAM	25	12	17.96	17.91	17.89		
10	256QAM	25	25	17.88	17.84	17.80		
10	256QAM	50	0	17.91	17.87	17.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.65	22.61	22.76	24	0
5	QPSK	1	12	22.77	22.69	22.91		
5	QPSK	1	24	22.61	22.55	22.55		
5	QPSK	12	0	21.71	21.59	21.67	23	1
5	QPSK	12	7	21.74	21.60	21.75		
5	QPSK	12	13	21.72	21.74	21.80		
5	QPSK	25	0	21.74	21.69	21.68		
5	16QAM	1	0	22.12	21.81	22.17	23	1
5	16QAM	1	12	22.34	22.01	22.42		
5	16QAM	1	24	22.31	22.02	22.13		
5	16QAM	12	0	20.77	20.66	20.81	22	2
5	16QAM	12	7	20.96	20.65	20.81		
5	16QAM	12	13	20.87	20.74	20.85		
5	16QAM	25	0	20.74	20.72	20.77		
5	64QAM	1	0	21.08	20.64	20.75	22	2
5	64QAM	1	12	21.10	21.12	21.09		
5	64QAM	1	24	21.30	20.96	20.93		
5	64QAM	12	0	19.71	19.71	19.76	21	3
5	64QAM	12	7	19.88	19.80	19.91		
5	64QAM	12	13	19.77	19.63	19.79		
5	64QAM	25	0	19.88	19.66	19.62		
5	256QAM	1	0	18.14	18.00	17.99	19	5
5	256QAM	1	12	18.04	17.98	18.03		
5	256QAM	1	24	18.02	17.95	17.97		
5	256QAM	12	0	17.97	17.81	18.09	19	5
5	256QAM	12	7	17.96	17.92	17.84		
5	256QAM	12	13	17.82	17.91	17.82		
5	256QAM	25	0	17.89	17.85	17.88		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.57	22.54	22.68	24	0
3	QPSK	1	8	22.69	22.69	22.71		
3	QPSK	1	14	22.59	22.57	22.57		
3	QPSK	8	0	21.80	21.63	21.69	23	1
3	QPSK	8	4	21.80	21.72	21.78		
3	QPSK	8	7	21.72	21.66	21.75		
3	QPSK	15	0	21.76	21.70	21.71		
3	16QAM	1	0	22.08	22.18	22.04	23	1
3	16QAM	1	8	22.26	21.70	22.11		
3	16QAM	1	14	21.97	21.88	22.05		
3	16QAM	8	0	20.81	20.87	20.70	22	2
3	16QAM	8	4	20.89	20.81	20.87		
3	16QAM	8	7	20.84	20.76	21.05		
3	16QAM	15	0	20.69	20.68	20.73		
3	64QAM	1	0	20.74	20.93	20.79	22	2
3	64QAM	1	8	20.95	20.63	20.58		
3	64QAM	1	14	20.89	20.60	20.55		
3	64QAM	8	0	19.66	19.75	19.65	21	3
3	64QAM	8	4	19.79	19.61	19.86		
3	64QAM	8	7	19.88	19.74	19.80		
3	64QAM	15	0	19.79	19.73	19.73		
3	256QAM	1	0	18.14	18.02	17.95	19	5
3	256QAM	1	8	18.01	18.01	18.03		
3	256QAM	1	14	18.05	17.93	18.03		
3	256QAM	8	0	17.92	17.86	18.08	19	5
3	256QAM	8	4	17.96	17.85	17.86		
3	256QAM	8	7	17.86	17.85	17.76		
3	256QAM	15	0	17.89	17.93	17.91		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.53	22.70	24	0
1.4	QPSK	1	3	22.73	22.60	22.66		
1.4	QPSK	1	5	22.62	22.58	22.73		
1.4	QPSK	3	0	22.73	22.58	22.63		
1.4	QPSK	3	1	22.75	22.64	22.70		
1.4	QPSK	3	3	22.77	22.58	22.71		
1.4	QPSK	6	0	21.76	21.62	21.69	23	1
1.4	16QAM	1	0	21.80	21.78	22.18	23	1
1.4	16QAM	1	3	22.30	22.26	21.94		
1.4	16QAM	1	5	22.07	21.98	21.83		
1.4	16QAM	3	0	21.77	21.78	21.88		
1.4	16QAM	3	1	21.81	21.89	21.88		
1.4	16QAM	3	3	21.70	21.87	21.91		
1.4	16QAM	6	0	20.84	20.72	20.87	22	2
1.4	64QAM	1	0	21.05	20.89	20.69	22	2
1.4	64QAM	1	3	21.13	20.58	20.63		
1.4	64QAM	1	5	20.86	20.67	20.74		
1.4	64QAM	3	0	20.86	20.87	20.60		
1.4	64QAM	3	1	20.81	20.80	20.93		
1.4	64QAM	3	3	20.72	20.92	20.83		
1.4	64QAM	6	0	19.81	19.80	19.71	21	3
1.4	256QAM	1	0	18.14	18.02	17.94	19	5
1.4	256QAM	1	3	18.03	18.06	18.03		
1.4	256QAM	1	5	17.98	17.88	17.95		
1.4	256QAM	3	0	17.99	17.89	18.01		
1.4	256QAM	3	1	17.97	17.89	17.84		
1.4	256QAM	3	3	17.82	17.89	17.79		
1.4	256QAM	6	0	17.95	17.89	17.89	19	5

Band 30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		24.03		24.8	0
10	QPSK	1	25		23.93			
10	QPSK	1	49		23.86			
10	QPSK	25	0		22.85		23.8	1
10	QPSK	25	12		22.84			
10	QPSK	25	25		22.82			
10	QPSK	50	0		22.62			
10	16QAM	1	0		23.25		23.8	1
10	16QAM	1	25		23.30			
10	16QAM	1	49		23.14			
10	16QAM	25	0		21.87		22.8	2
10	16QAM	25	12		21.87			
10	16QAM	25	25		21.85			
10	16QAM	50	0		21.82			
10	64QAM	1	0		22.14		22.8	2
10	64QAM	1	25		22.11			
10	64QAM	1	49		22.12			
10	64QAM	25	0		20.83		21.8	3
10	64QAM	25	12		20.89			
10	64QAM	25	25		20.82			
10	64QAM	50	0		20.83			
10	256QAM	1	0		18.54		19.8	5
10	256QAM	1	25		18.77			
10	256QAM	1	49		18.53			
10	256QAM	25	0		18.49		19.8	5
10	256QAM	25	12		18.52			
10	256QAM	25	25		18.54			
10	256QAM	50	0		18.47			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.82	23.86	23.89	24.8	0
5	QPSK	1	12	23.90	23.94	23.93		
5	QPSK	1	24	23.83	23.85	23.80		
5	QPSK	12	0	22.75	22.82	22.88	23.8	1
5	QPSK	12	7	22.87	22.88	22.95		
5	QPSK	12	13	22.87	22.84	22.87		
5	QPSK	25	0	22.83	22.82	22.91		
5	16QAM	1	0	23.25	23.29	23.22	23.8	1
5	16QAM	1	12	23.21	23.30	23.24		
5	16QAM	1	24	23.27	23.19	23.16		
5	16QAM	12	0	21.80	21.88	21.95	22.8	2
5	16QAM	12	7	21.95	21.95	21.98		
5	16QAM	12	13	21.91	21.91	21.91		
5	16QAM	25	0	21.86	21.84	21.90		
5	64QAM	1	0	22.00	22.20	22.17	22.8	2
5	64QAM	1	12	22.09	22.21	22.15		
5	64QAM	1	24	22.06	22.10	22.19		
5	64QAM	12	0	20.77	20.88	20.92	21.8	3
5	64QAM	12	7	20.94	20.90	20.94		
5	64QAM	12	13	20.89	20.84	20.89		
5	64QAM	25	0	20.84	20.86	20.92		
5	256QAM	1	0	18.90	18.96	18.92	19.8	5
5	256QAM	1	12	18.95	18.96	18.92		
5	256QAM	1	24	18.94	18.86	18.90		
5	256QAM	12	0	18.90	18.91	18.91	19.8	5
5	256QAM	12	7	18.80	18.88	18.85		
5	256QAM	12	13	18.86	18.88	18.84		
5	256QAM	25	0	18.84	18.91	18.88		

Band 66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.45	23.80	23.50	24.8	0
20	QPSK	1	49	23.40	23.75	23.47		
20	QPSK	1	99	23.43	23.56	23.34		
20	QPSK	50	0	22.49	22.80	22.60	23.8	1
20	QPSK	50	24	22.40	22.78	22.36		
20	QPSK	50	50	22.42	22.76	22.56		
20	QPSK	100	0	22.25	22.65	22.26		
20	16QAM	1	0	22.67	22.80	22.68	23.8	1
20	16QAM	1	49	22.69	23.00	22.51		
20	16QAM	1	99	23.09	22.77	22.86		
20	16QAM	50	0	21.67	21.93	21.52	22.8	2
20	16QAM	50	24	21.64	22.05	21.58		
20	16QAM	50	50	21.66	21.92	21.82		
20	16QAM	100	0	21.52	21.83	21.57		
20	64QAM	1	0	21.85	22.12	21.79	22.8	2
20	64QAM	1	49	21.72	21.82	21.59		
20	64QAM	1	99	22.10	21.58	21.96		
20	64QAM	50	0	20.64	20.95	20.54	21.8	3
20	64QAM	50	24	20.62	20.98	20.58		
20	64QAM	50	50	20.69	20.98	20.79		
20	64QAM	100	0	20.55	20.89	20.54		
20	256QAM	1	0	19.39	19.53	19.47	19.8	5
20	256QAM	1	49	19.25	19.64	19.53		
20	256QAM	1	99	19.55	19.48	19.41		
20	256QAM	50	0	19.35	19.49	19.40	19.8	5
20	256QAM	50	24	19.47	19.44	19.42		
20	256QAM	50	50	19.48	19.47	19.38		
20	256QAM	100	0	19.45	19.48	19.39		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.15	23.60	23.00	24.8	0
15	QPSK	1	37	23.01	23.58	23.06		
15	QPSK	1	74	23.20	23.40	23.37		
15	QPSK	36	0	22.41	22.61	22.25	23.8	1
15	QPSK	36	20	22.28	22.61	22.34		
15	QPSK	36	39	22.25	22.58	22.57		
15	QPSK	75	0	22.10	22.43	22.22		
15	16QAM	1	0	22.54	22.74	22.38	23.8	1
15	16QAM	1	37	22.52	22.64	22.43		
15	16QAM	1	74	22.76	22.48	22.72		
15	16QAM	36	0	21.46	21.70	21.38	22.8	2
15	16QAM	36	20	21.44	21.76	21.54		
15	16QAM	36	39	21.41	21.74	21.75		
15	16QAM	75	0	21.38	21.68	21.46		
15	64QAM	1	0	21.62	21.75	21.43	22.8	2
15	64QAM	1	37	21.36	21.71	21.15		
15	64QAM	1	74	21.65	21.54	21.52		
15	64QAM	36	0	20.45	20.72	20.43	21.8	3
15	64QAM	36	20	20.47	20.75	20.48		
15	64QAM	36	39	20.48	20.76	20.75		
15	64QAM	75	0	20.41	20.63	20.49		
15	256QAM	1	0	19.57	19.46	19.59	19.8	5
15	256QAM	1	37	19.55	19.53	19.51		
15	256QAM	1	74	19.56	19.59	19.48		
15	256QAM	36	0	19.46	19.50	19.47	19.8	5
15	256QAM	36	20	19.49	19.53	19.45		
15	256QAM	36	39	19.48	19.52	19.47		
15	256QAM	75	0	19.48	19.54	19.54		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.18	23.55	23.13	24.8	0
10	QPSK	1	25	23.22	23.38	23.15		
10	QPSK	1	49	23.17	23.22	23.37		
10	QPSK	25	0	22.37	22.53	22.34	23.8	1
10	QPSK	25	12	22.30	22.60	22.41		
10	QPSK	25	25	22.22	22.61	22.65		
10	QPSK	50	0	22.07	22.39	22.19		
10	16QAM	1	0	22.42	22.81	22.33	23.8	1
10	16QAM	1	25	22.57	22.71	22.65		
10	16QAM	1	49	22.47	22.76	22.75		
10	16QAM	25	0	21.44	21.80	21.50	22.8	2
10	16QAM	25	12	21.47	21.81	21.64		
10	16QAM	25	25	21.47	21.80	21.79		
10	16QAM	50	0	21.33	21.65	21.59		
10	64QAM	1	0	21.57	22.03	21.51	22.8	2
10	64QAM	1	25	21.65	21.71	21.68		
10	64QAM	1	49	21.63	21.62	22.03		
10	64QAM	25	0	20.52	20.76	20.59	21.8	3
10	64QAM	25	12	20.44	20.77	20.63		
10	64QAM	25	25	20.44	20.81	20.73		
10	64QAM	50	0	20.37	20.70	20.59		
10	256QAM	1	0	19.54	19.54	19.52	19.8	5
10	256QAM	1	25	19.50	19.52	19.48		
10	256QAM	1	49	19.58	19.52	19.47		
10	256QAM	25	0	19.54	19.51	19.50	19.8	5
10	256QAM	25	12	19.54	19.53	19.47		
10	256QAM	25	25	19.59	19.52	19.45		
10	256QAM	50	0	19.51	19.53	19.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.22	23.55	23.41	24.8	0
5	QPSK	1	12	23.23	23.45	23.49		
5	QPSK	1	24	23.30	23.50	23.64		
5	QPSK	12	0	22.27	22.60	22.56	23.8	1
5	QPSK	12	7	22.22	22.65	22.62		
5	QPSK	12	13	22.40	22.58	22.68		
5	QPSK	25	0	22.14	22.56	22.53		
5	16QAM	1	0	22.48	22.90	22.69	23.8	1
5	16QAM	1	12	22.53	22.75	22.88		
5	16QAM	1	24	22.62	22.72	23.05		
5	16QAM	12	0	21.46	21.70	21.76	22.8	2
5	16QAM	12	7	21.54	21.71	21.84		
5	16QAM	12	13	21.49	21.82	21.93		
5	16QAM	25	0	21.46	21.70	21.77		
5	64QAM	1	0	21.47	21.89	21.87	22.8	2
5	64QAM	1	12	21.53	21.78	21.91		
5	64QAM	1	24	21.67	21.72	22.12		
5	64QAM	12	0	20.45	20.75	20.77	21.8	3
5	64QAM	12	7	20.44	20.83	20.91		
5	64QAM	12	13	20.49	20.74	20.95		
5	64QAM	25	0	20.35	20.82	20.80		
5	256QAM	1	0	19.56	19.59	19.48	19.8	5
5	256QAM	1	12	19.56	19.51	19.56		
5	256QAM	1	24	19.49	19.56	19.53		
5	256QAM	12	0	19.46	19.56	19.49	19.8	5
5	256QAM	12	7	19.57	19.53	19.46		
5	256QAM	12	13	19.59	19.51	19.59		
5	256QAM	25	0	19.52	19.58	19.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.12	23.59	23.60	24.8	0
3	QPSK	1	8	23.22	23.60	23.73		
3	QPSK	1	14	23.12	23.54	23.71		
3	QPSK	8	0	22.40	22.60	22.68	23.8	1
3	QPSK	8	4	22.28	22.67	22.72		
3	QPSK	8	7	22.31	22.62	22.84		
3	QPSK	15	0	22.30	22.64	22.69		
3	16QAM	1	0	22.44	22.91	22.90	23.8	1
3	16QAM	1	8	22.65	22.99	23.10		
3	16QAM	1	14	22.56	22.87	23.05		
3	16QAM	8	0	21.43	21.77	21.84	22.8	2
3	16QAM	8	4	21.56	21.87	21.96		
3	16QAM	8	7	21.43	21.81	21.92		
3	16QAM	15	0	21.51	21.77	21.90		
3	64QAM	1	0	21.49	22.07	21.87	22.8	2
3	64QAM	1	8	21.69	21.87	21.99		
3	64QAM	1	14	21.70	21.74	22.04		
3	64QAM	8	0	20.59	20.82	20.92	21.8	3
3	64QAM	8	4	20.50	20.87	20.95		
3	64QAM	8	7	20.47	20.79	21.03		
3	64QAM	15	0	20.42	20.78	20.94		
3	256QAM	1	0	19.58	19.57	19.55	19.8	5
3	256QAM	1	8	19.56	19.54	19.55		
3	256QAM	1	14	19.55	19.58	19.55		
3	256QAM	8	0	19.52	19.54	19.47	19.8	5
3	256QAM	8	4	19.48	19.59	19.53		
3	256QAM	8	7	19.45	19.55	19.55		
3	256QAM	15	0	19.58	19.52	19.59		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.28	23.76	23.68	24.8	0
1.4	QPSK	1	3	23.31	23.68	23.66		
1.4	QPSK	1	5	23.23	23.64	23.70		
1.4	QPSK	3	0	23.25	23.63	23.69		
1.4	QPSK	3	1	23.27	23.53	23.79		
1.4	QPSK	3	3	23.24	23.63	23.54		
1.4	QPSK	6	0	22.23	22.69	22.81	23.8	1
1.4	16QAM	1	0	22.44	22.84	22.85	23.8	1
1.4	16QAM	1	3	22.42	22.78	22.87		
1.4	16QAM	1	5	22.47	22.81	22.93		
1.4	16QAM	3	0	22.53	22.85	22.71		
1.4	16QAM	3	1	22.28	22.97	22.85		
1.4	16QAM	3	3	22.50	22.82	22.80		
1.4	16QAM	6	0	21.51	21.76	21.95	22.8	2
1.4	64QAM	1	0	21.57	21.84	21.98	22.8	2
1.4	64QAM	1	3	21.54	21.83	22.16		
1.4	64QAM	1	5	21.66	21.97	22.17		
1.4	64QAM	3	0	21.44	21.88	21.97		
1.4	64QAM	3	1	21.52	21.93	21.98		
1.4	64QAM	3	3	21.59	21.86	22.06		
1.4	64QAM	6	0	20.42	21.00	20.99	21.8	3
1.4	256QAM	1	0	19.45	19.52	19.54	19.8	5
1.4	256QAM	1	3	19.53	19.56	19.49		
1.4	256QAM	1	5	19.52	19.55	19.46		
1.4	256QAM	3	0	19.47	19.56	19.51		
1.4	256QAM	3	1	19.48	19.56	19.52		
1.4	256QAM	3	3	19.56	19.59	19.51		
1.4	256QAM	6	0	19.56	19.59	19.45	19.8	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.91	23.95	23.88	24.8	0
20	QPSK	1	49	23.89	23.88	23.86		
20	QPSK	1	99	23.85	23.81	23.76		
20	QPSK	50	0	22.85	22.86	22.83	23.8	1
20	QPSK	50	24	22.80	22.85	22.81		
20	QPSK	50	50	22.82	22.83	22.77		
20	QPSK	100	0	22.81	22.84	22.78		
20	16QAM	1	0	22.86	22.91	22.93	23.8	1
20	16QAM	1	49	22.91	22.95	22.91		
20	16QAM	1	99	22.81	22.85	22.79		
20	16QAM	50	0	21.85	21.85	21.85	22.8	2
20	16QAM	50	24	21.93	21.88	21.85		
20	16QAM	50	50	21.85	21.82	21.86		
20	16QAM	100	0	21.79	21.85	21.89		
20	64QAM	1	0	21.93	21.89	21.86	22.8	2
20	64QAM	1	49	21.89	21.88	21.92		
20	64QAM	1	99	21.88	21.82	21.81		
20	64QAM	50	0	20.83	20.83	20.89	21.8	3
20	64QAM	50	24	20.80	20.75	20.79		
20	64QAM	50	50	20.74	20.76	20.71		
20	64QAM	100	0	20.81	20.82	20.80		
20	256QAM	1	0	19.08	19.03	19.08	19.8	5
20	256QAM	1	49	19.13	19.07	19.03		
20	256QAM	1	99	18.94	18.96	18.90		
20	256QAM	50	0	18.82	18.84	18.90	19.8	5
20	256QAM	50	24	18.78	18.81	18.80		
20	256QAM	50	50	18.85	18.80	18.82		
20	256QAM	100	0	18.86	18.81	18.82		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.79	23.91	23.77	24.8	0
15	QPSK	1	37	23.79	23.80	23.83		
15	QPSK	1	74	23.77	23.68	23.70		
15	QPSK	36	0	22.63	22.76	22.69	23.8	1
15	QPSK	36	20	22.73	22.82	22.73		
15	QPSK	36	39	22.75	22.76	22.72		
15	QPSK	75	0	22.73	22.80	22.68		
15	16QAM	1	0	22.75	22.88	22.80	23.8	1
15	16QAM	1	37	22.83	22.83	22.82		
15	16QAM	1	74	22.71	22.77	22.70		
15	16QAM	36	0	21.77	21.76	21.77	22.8	2
15	16QAM	36	20	21.80	21.80	21.78		
15	16QAM	36	39	21.82	21.79	21.81		
15	16QAM	75	0	21.68	21.74	21.85		
15	64QAM	1	0	21.80	21.77	21.79	22.8	2
15	64QAM	1	37	21.85	21.77	21.82		
15	64QAM	1	74	21.80	21.76	21.74		
15	64QAM	36	0	20.77	20.75	20.86	21.8	3
15	64QAM	36	20	20.75	20.67	20.74		
15	64QAM	36	39	20.68	20.71	20.65		
15	64QAM	75	0	20.72	20.79	20.72		
15	256QAM	1	0	18.97	18.95	19.01	19.8	5
15	256QAM	1	37	19.04	18.96	18.94		
15	256QAM	1	74	18.91	18.86	18.82		
15	256QAM	36	0	18.72	18.79	18.78	19.8	5
15	256QAM	36	20	18.66	18.73	18.73		
15	256QAM	36	39	18.82	18.74	18.71		
15	256QAM	75	0	18.74	18.69	18.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.85	23.92	23.83	24.8	0
10	QPSK	1	25	23.81	23.83	23.82		
10	QPSK	1	49	23.77	23.73	23.68		
10	QPSK	25	0	22.67	22.83	22.69	23.8	1
10	QPSK	25	12	22.76	22.72	22.74		
10	QPSK	25	25	22.75	22.80	22.74		
10	QPSK	50	0	22.76	22.80	22.68		
10	16QAM	1	0	22.83	22.79	22.88	23.8	1
10	16QAM	1	25	22.85	22.90	22.86		
10	16QAM	1	49	22.77	22.76	22.67		
10	16QAM	25	0	21.76	21.77	21.80	22.8	2
10	16QAM	25	12	21.81	21.84	21.79		
10	16QAM	25	25	21.80	21.74	21.73		
10	16QAM	50	0	21.68	21.73	21.79		
10	64QAM	1	0	21.89	21.82	21.80	22.8	2
10	64QAM	1	25	21.84	21.75	21.81		
10	64QAM	1	49	21.82	21.71	21.68		
10	64QAM	25	0	20.75	20.70	20.85	21.8	3
10	64QAM	25	12	20.75	20.62	20.70		
10	64QAM	25	25	20.69	20.73	20.60		
10	64QAM	50	0	20.72	20.72	20.71		
10	256QAM	1	0	19.03	18.94	19.01	19.8	5
10	256QAM	1	25	19.08	19.01	18.98		
10	256QAM	1	49	18.91	18.93	18.84		
10	256QAM	25	0	18.70	18.76	18.82	19.8	5
10	256QAM	25	12	18.69	18.74	18.75		
10	256QAM	25	25	18.73	18.77	18.76		
10	256QAM	50	0	18.83	18.76	18.69		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.85	23.89	23.84	24.8	0
5	QPSK	1	12	23.76	23.82	23.73		
5	QPSK	1	24	23.73	23.68	23.66		
5	QPSK	12	0	22.70	22.74	22.70	23.8	1
5	QPSK	12	7	22.72	22.77	22.74		
5	QPSK	12	13	22.79	22.71	22.67		
5	QPSK	25	0	22.75	22.80	22.72		
5	16QAM	1	0	22.77	22.85	22.86	23.8	1
5	16QAM	1	12	22.87	22.85	22.84		
5	16QAM	1	24	22.78	22.72	22.72		
5	16QAM	12	0	21.73	21.74	21.82	22.8	2
5	16QAM	12	7	21.87	21.79	21.76		
5	16QAM	12	13	21.82	21.78	21.79		
5	16QAM	25	0	21.73	21.77	21.78		
5	64QAM	1	0	21.81	21.85	21.83	22.8	2
5	64QAM	1	12	21.84	21.85	21.87		
5	64QAM	1	24	21.83	21.74	21.70		
5	64QAM	12	0	20.77	20.75	20.76	21.8	3
5	64QAM	12	7	20.77	20.67	20.74		
5	64QAM	12	13	20.62	20.68	20.63		
5	64QAM	25	0	20.72	20.77	20.75		
5	256QAM	1	0	19.01	18.90	19.01	19.8	5
5	256QAM	1	12	19.10	18.99	18.93		
5	256QAM	1	24	18.87	18.91	18.85		
5	256QAM	12	0	18.76	18.74	18.82	19.8	5
5	256QAM	12	7	18.72	18.75	18.74		
5	256QAM	12	13	18.73	18.73	18.70		
5	256QAM	25	0	18.76	18.77	18.71		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.81	23.89	23.78	24.8	0
3	QPSK	1	8	23.83	23.81	23.79		
3	QPSK	1	14	23.80	23.69	23.69		
3	QPSK	8	0	22.73	22.79	22.74	23.8	1
3	QPSK	8	4	22.73	22.81	22.75		
3	QPSK	8	7	22.72	22.76	22.74		
3	QPSK	15	0	22.78	22.81	22.68		
3	16QAM	1	0	22.73	22.79	22.86	23.8	1
3	16QAM	1	8	22.86	22.85	22.87		
3	16QAM	1	14	22.75	22.78	22.70		
3	16QAM	8	0	21.81	21.72	21.73	22.8	2
3	16QAM	8	4	21.85	21.79	21.77		
3	16QAM	8	7	21.78	21.74	21.74		
3	16QAM	15	0	21.75	21.72	21.85		
3	64QAM	1	0	21.90	21.84	21.79	22.8	2
3	64QAM	1	8	21.84	21.75	21.80		
3	64QAM	1	14	21.79	21.73	21.70		
3	64QAM	8	0	20.76	20.76	20.76	21.8	3
3	64QAM	8	4	20.75	20.67	20.76		
3	64QAM	8	7	20.64	20.68	20.61		
3	64QAM	15	0	20.68	20.69	20.68		
3	256QAM	1	0	19.01	18.90	18.96	19.8	5
3	256QAM	1	8	19.04	18.98	18.92		
3	256QAM	1	14	18.91	18.83	18.79		
3	256QAM	8	0	18.78	18.77	18.79	19.8	5
3	256QAM	8	4	18.67	18.69	18.69		
3	256QAM	8	7	18.77	18.69	18.76		
3	256QAM	15	0	18.83	18.78	18.79		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.85	23.89	23.81	24.8	0
1.4	QPSK	1	3	23.78	23.82	23.75		
1.4	QPSK	1	5	23.72	23.72	23.68		
1.4	QPSK	3	0	23.72	23.72	23.77		
1.4	QPSK	3	1	23.78	23.71	23.75		
1.4	QPSK	3	3	23.76	23.75	23.79		
1.4	QPSK	6	0	22.73	22.74	22.71	23.8	1
1.4	16QAM	1	0	22.82	22.83	22.86	23.8	1
1.4	16QAM	1	3	22.84	22.82	22.88		
1.4	16QAM	1	5	22.71	22.72	22.73		
1.4	16QAM	3	0	22.75	22.74	22.77		
1.4	16QAM	3	1	22.72	22.68	22.78		
1.4	16QAM	3	3	22.78	22.78	22.79		
1.4	16QAM	6	0	21.69	21.82	21.81	22.8	2
1.4	64QAM	1	0	21.84	21.78	21.76	22.8	2
1.4	64QAM	1	3	21.86	21.76	21.83		
1.4	64QAM	1	5	21.83	21.79	21.68		
1.4	64QAM	3	0	21.74	21.74	21.77		
1.4	64QAM	3	1	21.77	21.78	21.70		
1.4	64QAM	3	3	21.73	21.80	21.83		
1.4	64QAM	6	0	20.68	20.78	20.70	21.8	3
1.4	256QAM	1	0	18.99	19.00	19.03	19.8	5
1.4	256QAM	1	3	19.00	19.02	18.99		
1.4	256QAM	1	5	18.83	18.90	18.85		
1.4	256QAM	3	0	19.02	18.98	18.97		
1.4	256QAM	3	1	19.01	19.07	18.96		
1.4	256QAM	3	3	18.98	19.04	19.02		
1.4	256QAM	6	0	18.74	18.76	18.74	19.8	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.87	22.95	22.82	24	0
20	QPSK	1	49	22.86	22.88	22.80		
20	QPSK	1	99	22.80	22.82	22.81		
20	QPSK	50	0	21.91	21.92	21.91	23	1
20	QPSK	50	24	21.89	21.89	21.89		
20	QPSK	50	50	21.80	21.81	21.80		
20	QPSK	100	0	21.86	21.90	21.88		
20	16QAM	1	0	22.04	22.06	22.10	23	1
20	16QAM	1	49	21.92	21.95	22.08		
20	16QAM	1	99	22.05	21.86	22.01		
20	16QAM	50	0	20.84	21.00	20.95	22	2
20	16QAM	50	24	20.98	20.87	20.87		
20	16QAM	50	50	20.94	20.86	20.83		
20	16QAM	100	0	20.95	20.93	20.87		
20	64QAM	1	0	20.95	21.06	21.00	22	2
20	64QAM	1	49	21.07	21.07	21.02		
20	64QAM	1	99	21.02	20.80	20.90		
20	64QAM	50	0	19.84	19.90	19.94	21	3
20	64QAM	50	24	19.93	19.91	19.77		
20	64QAM	50	50	19.89	19.89	19.88		
20	64QAM	100	0	19.94	19.97	19.89		
20	256QAM	1	0	18.05	18.00	18.07	19	5
20	256QAM	1	49	18.07	18.12	18.17		
20	256QAM	1	99	18.06	18.03	18.13		
20	256QAM	50	0	17.89	17.91	17.93	19	5
20	256QAM	50	24	17.91	17.92	17.90		
20	256QAM	50	50	18.00	17.90	17.98		
20	256QAM	100	0	17.97	17.99	17.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.81	22.85	22.86	24	0
15	QPSK	1	37	22.80	22.88	22.90		
15	QPSK	1	74	22.82	22.86	22.87		
15	QPSK	36	0	21.84	21.85	21.89	23	1
15	QPSK	36	20	21.89	21.87	21.85		
15	QPSK	36	39	21.86	21.90	21.88		
15	QPSK	75	0	21.90	21.86	21.90		
15	16QAM	1	0	21.91	22.01	21.91	23	1
15	16QAM	1	37	21.93	22.12	22.03		
15	16QAM	1	74	21.98	21.99	22.05		
15	16QAM	36	0	20.88	20.89	20.91	22	2
15	16QAM	36	20	20.89	20.88	20.88		
15	16QAM	36	39	20.92	20.93	20.92		
15	16QAM	75	0	20.87	20.92	20.91		
15	64QAM	1	0	20.88	21.06	20.94	22	2
15	64QAM	1	37	20.95	20.99	21.00		
15	64QAM	1	74	21.01	21.06	21.05		
15	64QAM	36	0	19.85	19.88	19.88	21	3
15	64QAM	36	20	19.88	19.89	19.91		
15	64QAM	36	39	19.86	19.85	19.92		
15	64QAM	75	0	19.93	19.91	19.86		
15	256QAM	1	0	18.02	18.11	18.02	19	5
15	256QAM	1	37	18.06	18.18	18.14		
15	256QAM	1	74	18.08	18.14	18.07		
15	256QAM	36	0	17.87	17.91	17.90	19	5
15	256QAM	36	20	17.90	17.88	17.96		
15	256QAM	36	39	17.99	18.02	17.88		
15	256QAM	75	0	17.99	17.94	18.03		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.94	22.91	22.93	24	0
10	QPSK	1	25	22.92	22.93	22.94		
10	QPSK	1	49	22.93	22.91	22.91		
10	QPSK	25	0	21.97	21.97	22.00	23	1
10	QPSK	25	12	22.06	22.05	21.98		
10	QPSK	25	25	22.02	22.02	22.01		
10	QPSK	50	0	21.98	21.99	21.96		
10	16QAM	1	0	22.14	22.11	22.09	23	1
10	16QAM	1	25	22.06	22.12	22.10		
10	16QAM	1	49	22.11	22.07	22.06		
10	16QAM	25	0	20.97	21.02	20.99	22	2
10	16QAM	25	12	21.04	21.06	21.00		
10	16QAM	25	25	21.01	21.08	21.05		
10	16QAM	50	0	21.00	21.04	21.01		
10	64QAM	1	0	21.03	21.09	21.08	22	2
10	64QAM	1	25	21.14	21.15	21.16		
10	64QAM	1	49	21.06	21.09	21.12		
10	64QAM	25	0	19.99	19.94	19.95	21	3
10	64QAM	25	12	20.03	20.00	19.98		
10	64QAM	25	25	19.95	19.98	20.00		
10	64QAM	50	0	19.98	20.01	19.97		
10	256QAM	1	0	18.02	18.03	17.96	19	5
10	256QAM	1	25	18.07	18.18	18.08		
10	256QAM	1	49	18.05	18.10	18.07		
10	256QAM	25	0	17.92	17.93	17.94	19	5
10	256QAM	25	12	17.92	17.87	17.90		
10	256QAM	25	25	17.96	17.98	17.93		
10	256QAM	50	0	17.95	17.86	18.01		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.89	22.87	22.90	24	0
5	QPSK	1	12	22.92	22.94	22.94		
5	QPSK	1	24	22.94	22.92	22.86		
5	QPSK	12	0	21.92	21.96	21.99	23	1
5	QPSK	12	7	22.03	22.08	22.04		
5	QPSK	12	13	22.01	21.99	22.03		
5	QPSK	25	0	21.96	22.00	21.98		
5	16QAM	1	0	22.12	22.10	22.14	23	1
5	16QAM	1	12	22.11	22.07	22.16		
5	16QAM	1	24	22.03	22.06	22.12		
5	16QAM	12	0	20.97	20.96	20.94	22	2
5	16QAM	12	7	21.04	21.08	21.09		
5	16QAM	12	13	21.00	21.01	21.04		
5	16QAM	25	0	20.98	21.02	21.04		
5	64QAM	1	0	21.11	21.09	21.06	22	2
5	64QAM	1	12	21.17	21.19	21.14		
5	64QAM	1	24	21.11	21.06	21.11		
5	64QAM	12	0	19.97	20.00	20.01	21	3
5	64QAM	12	7	20.01	20.03	20.04		
5	64QAM	12	13	19.99	20.02	20.03		
5	64QAM	25	0	20.01	19.98	20.02		
5	256QAM	1	0	18.06	18.11	18.03	19	5
5	256QAM	1	12	18.11	18.13	18.09		
5	256QAM	1	24	18.09	18.09	18.00		
5	256QAM	12	0	17.88	17.96	17.88	19	5
5	256QAM	12	7	17.94	17.87	17.93		
5	256QAM	12	13	17.99	18.02	17.89		
5	256QAM	25	0	17.98	17.87	17.96		

Band 2_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.67	23.72	23.68	24.8	0
20	QPSK	1	49	23.61	23.66	23.67		
20	QPSK	1	99	23.34	23.48	23.49		
20	QPSK	50	0	22.65	22.71	22.70	23.8	1
20	QPSK	50	24	22.60	22.70	22.69		
20	QPSK	50	50	22.62	22.66	22.67		
20	QPSK	100	0	22.63	22.67	22.66		
20	16QAM	1	0	22.63	22.91	22.92	23.8	1
20	16QAM	1	49	23.09	23.20	23.02		
20	16QAM	1	99	22.79	22.91	22.99		
20	16QAM	50	0	21.77	21.75	21.77	22.8	2
20	16QAM	50	24	21.62	21.70	21.79		
20	16QAM	50	50	21.59	21.78	21.70		
20	16QAM	100	0	21.66	21.70	21.71		
20	64QAM	1	0	21.45	21.64	21.51	22.8	2
20	64QAM	1	49	21.92	22.12	21.99		
20	64QAM	1	99	21.59	22.05	21.68		
20	64QAM	50	0	20.56	20.72	20.68	21.8	3
20	64QAM	50	24	20.59	20.55	20.76		
20	64QAM	50	50	20.62	20.81	20.63		
20	64QAM	100	0	20.61	20.59	20.77		
20	256QAM	1	0	18.91	19.03	18.89	19.8	5
20	256QAM	1	49	18.95	19.03	18.95		
20	256QAM	1	99	18.90	18.93	18.97		
20	256QAM	50	0	18.79	18.83	18.84	19.8	5
20	256QAM	50	24	18.83	18.86	18.94		
20	256QAM	50	50	18.91	18.88	18.91		
20	256QAM	100	0	18.78	18.79	18.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.57	23.69	23.66	24.8	0
15	QPSK	1	37	23.51	23.60	23.68		
15	QPSK	1	74	23.24	23.39	23.41		
15	QPSK	36	0	22.50	22.62	22.48	23.8	1
15	QPSK	36	20	22.48	22.57	22.65		
15	QPSK	36	39	22.55	22.65	22.60		
15	QPSK	75	0	22.53	22.60	22.66		
15	16QAM	1	0	22.55	22.79	22.85	23.8	1
15	16QAM	1	37	22.97	22.96	22.88		
15	16QAM	1	74	22.65	22.76	22.85		
15	16QAM	36	0	21.69	21.59	21.73	22.8	2
15	16QAM	36	20	21.58	21.57	21.63		
15	16QAM	36	39	21.40	21.64	21.54		
15	16QAM	75	0	21.56	21.52	21.60		
15	64QAM	1	0	21.49	21.47	21.47	22.8	2
15	64QAM	1	37	21.78	21.94	21.89		
15	64QAM	1	74	21.52	21.91	21.52		
15	64QAM	36	0	20.48	20.69	20.56	21.8	3
15	64QAM	36	20	20.55	20.44	20.68		
15	64QAM	36	39	20.49	20.64	20.56		
15	64QAM	75	0	20.54	20.58	20.64		
15	256QAM	1	0	18.88	19.03	18.86	19.8	5
15	256QAM	1	37	18.97	19.07	18.91		
15	256QAM	1	74	18.88	18.93	18.94		
15	256QAM	36	0	18.76	18.80	18.86	19.8	5
15	256QAM	36	20	18.79	18.87	18.94		
15	256QAM	36	39	18.89	18.91	18.93		
15	256QAM	75	0	18.76	18.82	18.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.59	23.68	23.67	24.8	0
10	QPSK	1	25	23.53	23.51	23.61		
10	QPSK	1	49	23.25	23.41	23.44		
10	QPSK	25	0	22.43	22.54	22.48	23.8	1
10	QPSK	25	12	22.55	22.60	22.61		
10	QPSK	25	25	22.56	22.58	22.60		
10	QPSK	50	0	22.56	22.50	22.63		
10	16QAM	1	0	22.55	22.76	22.86	23.8	1
10	16QAM	1	25	22.97	23.01	22.85		
10	16QAM	1	49	22.61	22.79	22.85		
10	16QAM	25	0	21.62	21.64	21.69	22.8	2
10	16QAM	25	12	21.49	21.56	21.73		
10	16QAM	25	25	21.48	21.61	21.61		
10	16QAM	50	0	21.53	21.58	21.62		
10	64QAM	1	0	21.56	21.56	21.59	22.8	2
10	64QAM	1	25	21.78	21.91	21.88		
10	64QAM	1	49	21.51	21.92	21.51		
10	64QAM	25	0	20.43	20.64	20.55	21.8	3
10	64QAM	25	12	20.48	20.50	20.65		
10	64QAM	25	25	20.55	20.69	20.54		
10	64QAM	50	0	20.54	20.48	20.65		
10	256QAM	1	0	18.93	19.02	18.85	19.8	5
10	256QAM	1	25	18.93	19.03	18.91		
10	256QAM	1	49	18.89	18.97	18.96		
10	256QAM	25	0	18.83	18.85	18.85	19.8	5
10	256QAM	25	12	18.85	18.86	18.98		
10	256QAM	25	25	18.87	18.84	18.87		
10	256QAM	50	0	18.82	18.83	18.85		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.59	23.70	23.62	24.8	0
5	QPSK	1	12	23.50	23.53	23.66		
5	QPSK	1	24	23.28	23.39	23.45		
5	QPSK	12	0	22.40	22.56	22.51	23.8	1
5	QPSK	12	7	22.53	22.62	22.65		
5	QPSK	12	13	22.52	22.54	22.60		
5	QPSK	25	0	22.51	22.52	22.64		
5	16QAM	1	0	22.56	22.75	22.81	23.8	1
5	16QAM	1	12	22.93	23.04	22.87		
5	16QAM	1	24	22.65	22.77	22.83		
5	16QAM	12	0	21.61	21.61	21.68	22.8	2
5	16QAM	12	7	21.52	21.58	21.77		
5	16QAM	12	13	21.49	21.61	21.58		
5	16QAM	25	0	21.49	21.60	21.63		
5	64QAM	1	0	21.57	21.59	21.59	22.8	2
5	64QAM	1	12	21.80	21.93	21.89		
5	64QAM	1	24	21.49	21.93	21.51		
5	64QAM	12	0	20.48	20.63	20.56	21.8	3
5	64QAM	12	7	20.46	20.49	20.69		
5	64QAM	12	13	20.54	20.64	20.49		
5	64QAM	25	0	20.54	20.49	20.64		
5	256QAM	1	0	18.94	19.07	18.86	19.8	5
5	256QAM	1	12	18.92	19.02	18.94		
5	256QAM	1	24	18.91	18.95	18.97		
5	256QAM	12	0	18.77	18.87	18.85	19.8	5
5	256QAM	12	7	18.82	18.85	18.92		
5	256QAM	12	13	18.87	18.91	18.89		
5	256QAM	25	0	18.82	18.76	18.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.65	23.68	23.65	24.8	0
3	QPSK	1	8	23.68	23.70	23.70		
3	QPSK	1	14	23.47	23.63	23.52		
3	QPSK	8	0	22.72	22.80	22.76	23.8	1
3	QPSK	8	4	22.72	22.85	22.72		
3	QPSK	8	7	22.68	22.81	22.68		
3	QPSK	15	0	22.65	22.75	22.69		
3	16QAM	1	0	22.99	23.08	23.11	23.8	1
3	16QAM	1	8	23.13	23.17	23.13		
3	16QAM	1	14	22.87	23.03	22.94		
3	16QAM	8	0	21.80	21.84	21.89	22.8	2
3	16QAM	8	4	21.77	21.92	21.81		
3	16QAM	8	7	21.72	21.85	21.76		
3	16QAM	15	0	21.70	21.75	21.75		
3	64QAM	1	0	21.94	22.06	22.00	22.8	2
3	64QAM	1	8	21.98	22.03	22.02		
3	64QAM	1	14	21.79	21.88	21.90		
3	64QAM	8	0	20.77	20.87	20.83	21.8	3
3	64QAM	8	4	20.76	20.89	20.78		
3	64QAM	8	7	20.69	20.83	20.69		
3	64QAM	15	0	20.71	20.75	20.76		
3	256QAM	1	0	18.89	19.02	18.93	19.8	5
3	256QAM	1	8	18.94	19.02	18.94		
3	256QAM	1	14	18.90	18.92	18.95		
3	256QAM	8	0	18.81	18.83	18.84	19.8	5
3	256QAM	8	4	18.83	18.84	18.90		
3	256QAM	8	7	18.92	18.86	18.91		
3	256QAM	15	0	18.79	18.75	18.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.66	23.71	23.70	24.8	0
1.4	QPSK	1	3	23.66	23.61	23.70		
1.4	QPSK	1	5	23.58	23.68	23.59		
1.4	QPSK	3	0	23.67	23.61	23.65		
1.4	QPSK	3	1	23.68	23.61	23.63		
1.4	QPSK	3	3	23.70	23.70	23.60		
1.4	QPSK	6	0	22.66	22.79	22.68	23.8	1
1.4	16QAM	1	0	23.09	23.15	23.06	23.8	1
1.4	16QAM	1	3	23.16	23.17	23.12		
1.4	16QAM	1	5	23.02	23.26	23.07		
1.4	16QAM	3	0	22.87	23.04	22.81		
1.4	16QAM	3	1	22.87	23.02	22.90		
1.4	16QAM	3	3	22.85	22.96	22.93		
1.4	16QAM	6	0	21.78	21.91	21.70	22.8	2
1.4	64QAM	1	0	21.92	21.98	21.89	22.8	2
1.4	64QAM	1	3	21.90	21.94	21.94		
1.4	64QAM	1	5	21.79	21.91	21.88		
1.4	64QAM	3	0	21.84	21.95	21.87		
1.4	64QAM	3	1	21.83	22.01	21.83		
1.4	64QAM	3	3	21.77	21.91	21.82		
1.4	64QAM	6	0	20.71	20.84	20.75	21.8	3
1.4	256QAM	1	0	18.90	19.00	18.89	19.8	5
1.4	256QAM	1	3	18.95	19.00	18.97		
1.4	256QAM	1	5	18.86	18.90	18.96		
1.4	256QAM	3	0	18.82	18.84	18.80		
1.4	256QAM	3	1	18.81	18.90	18.93		
1.4	256QAM	3	3	18.88	18.90	18.92		
1.4	256QAM	6	0	18.82	18.80	18.81	19.8	5

Band 4_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.74	22.75	22.73	23.8	0
20	QPSK	1	49	22.73	22.69	22.68		
20	QPSK	1	99	22.70	22.68	22.71		
20	QPSK	50	0	22.10	22.14	22.11	22.8	1
20	QPSK	50	24	22.06	22.11	22.10		
20	QPSK	50	50	22.09	22.03	21.99		
20	QPSK	100	0	22.01	22.02	21.94		
20	16QAM	1	0	22.08	22.02	22.03	22.8	1
20	16QAM	1	49	22.22	22.21	22.27		
20	16QAM	1	99	22.16	22.12	22.17		
20	16QAM	50	0	21.03	21.04	21.03	21.8	2
20	16QAM	50	24	21.03	21.05	21.03		
20	16QAM	50	50	21.12	21.08	21.09		
20	16QAM	100	0	21.02	20.96	21.01		
20	64QAM	1	0	21.00	21.05	21.00	21.8	2
20	64QAM	1	49	21.13	21.19	21.17		
20	64QAM	1	99	21.12	21.15	21.19		
20	64QAM	50	0	19.92	19.98	20.02	20.8	3
20	64QAM	50	24	19.93	19.97	19.99		
20	64QAM	50	50	20.01	19.98	19.92		
20	64QAM	100	0	20.04	19.98	20.01		
20	256QAM	1	0	18.27	18.24	18.29	18.8	5
20	256QAM	1	49	18.30	18.33	18.38		
20	256QAM	1	99	18.23	18.24	18.25		
20	256QAM	50	0	18.11	18.11	18.08	18.8	5
20	256QAM	50	24	18.08	18.05	18.07		
20	256QAM	50	50	18.09	18.06	18.12		
20	256QAM	100	0	18.04	18.03	18.07		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.62	22.72	22.59	23.8	0
15	QPSK	1	37	22.63	22.56	22.60		
15	QPSK	1	74	22.66	22.61	22.64		
15	QPSK	36	0	21.98	22.09	21.91	22.8	1
15	QPSK	36	20	22.02	22.03	21.97		
15	QPSK	36	39	21.99	21.99	21.91		
15	QPSK	75	0	21.96	21.90	21.86		
15	16QAM	1	0	22.04	21.96	21.92	22.8	1
15	16QAM	1	37	22.17	22.17	22.16		
15	16QAM	1	74	22.13	22.06	22.04		
15	16QAM	36	0	20.97	20.94	20.91	21.8	2
15	16QAM	36	20	20.90	21.01	21.00		
15	16QAM	36	39	21.02	20.98	21.05		
15	16QAM	75	0	20.93	20.83	20.88		
15	64QAM	1	0	20.95	20.94	20.89	21.8	2
15	64QAM	1	37	21.07	21.09	21.13		
15	64QAM	1	74	21.08	21.09	21.15		
15	64QAM	36	0	19.85	19.87	19.91	20.8	3
15	64QAM	36	20	19.87	19.90	19.96		
15	64QAM	36	39	19.93	19.87	19.82		
15	64QAM	75	0	19.91	19.93	19.88		
15	256QAM	1	0	18.21	18.19	18.20	18.8	5
15	256QAM	1	37	18.22	18.22	18.25		
15	256QAM	1	74	18.14	18.14	18.15		
15	256QAM	36	0	18.01	18.03	17.96	18.8	5
15	256QAM	36	20	18.04	17.98	17.98		
15	256QAM	36	39	18.04	17.94	18.07		
15	256QAM	75	0	17.96	17.95	18.03		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.61	22.70	22.60	23.8	0
10	QPSK	1	25	22.68	22.66	22.56		
10	QPSK	1	49	22.68	22.63	22.68		
10	QPSK	25	0	21.90	22.05	21.94	22.8	1
10	QPSK	25	12	21.95	22.00	22.01		
10	QPSK	25	25	22.04	21.90	21.89		
10	QPSK	50	0	21.95	21.95	21.91		
10	16QAM	1	0	22.02	21.99	21.96	22.8	1
10	16QAM	1	25	22.12	22.08	22.20		
10	16QAM	1	49	22.06	22.08	22.14		
10	16QAM	25	0	20.99	20.94	20.92	21.8	2
10	16QAM	25	12	20.93	20.94	20.97		
10	16QAM	25	25	21.09	21.04	21.00		
10	16QAM	50	0	20.90	20.85	20.98		
10	64QAM	1	0	20.95	20.97	20.96	21.8	2
10	64QAM	1	25	21.03	21.09	21.09		
10	64QAM	1	49	21.05	21.06	21.16		
10	64QAM	25	0	19.84	19.92	19.94	20.8	3
10	64QAM	25	12	19.86	19.90	19.96		
10	64QAM	25	25	19.91	19.87	19.82		
10	64QAM	50	0	19.94	19.86	19.90		
10	256QAM	1	0	18.23	18.19	18.21	18.8	5
10	256QAM	1	25	18.27	18.28	18.34		
10	256QAM	1	49	18.20	18.11	18.19		
10	256QAM	25	0	18.07	18.07	18.02	18.8	5
10	256QAM	25	12	18.00	18.01	17.96		
10	256QAM	25	25	18.02	17.99	18.01		
10	256QAM	50	0	17.92	17.90	18.01		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.63	22.68	22.63	23.8	0
5	QPSK	1	12	22.66	22.59	22.60		
5	QPSK	1	24	22.61	22.63	22.62		
5	QPSK	12	0	21.95	22.08	21.97	22.8	1
5	QPSK	12	7	21.93	22.03	21.99		
5	QPSK	12	13	21.98	21.99	21.91		
5	QPSK	25	0	21.96	21.96	21.91		
5	16QAM	1	0	21.96	21.96	22.00	22.8	1
5	16QAM	1	12	22.14	22.14	22.21		
5	16QAM	1	24	22.03	22.08	22.05		
5	16QAM	12	0	21.00	20.92	20.90	21.8	2
5	16QAM	12	7	21.00	21.02	20.96		
5	16QAM	12	13	21.02	21.03	21.03		
5	16QAM	25	0	20.89	20.84	20.90		
5	64QAM	1	0	20.95	20.99	20.94	21.8	2
5	64QAM	1	12	21.05	21.08	21.07		
5	64QAM	1	24	21.04	21.10	21.07		
5	64QAM	12	0	19.82	19.87	19.91	20.8	3
5	64QAM	12	7	19.81	19.94	19.88		
5	64QAM	12	13	19.91	19.93	19.85		
5	64QAM	25	0	20.00	19.92	19.93		
5	256QAM	1	0	18.20	18.16	18.24	18.8	5
5	256QAM	1	12	18.24	18.29	18.26		
5	256QAM	1	24	18.19	18.14	18.16		
5	256QAM	12	0	18.02	18.06	17.99	18.8	5
5	256QAM	12	7	18.02	17.93	17.99		
5	256QAM	12	13	18.04	17.95	18.05		
5	256QAM	25	0	17.91	17.99	17.98		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.55	22.72	22.64	23.8	0
3	QPSK	1	8	22.66	22.58	22.65		
3	QPSK	1	14	22.61	22.62	22.62		
3	QPSK	8	0	21.98	22.03	21.96	22.8	1
3	QPSK	8	4	21.98	22.04	22.06		
3	QPSK	8	7	21.96	21.98	21.95		
3	QPSK	15	0	21.89	21.98	21.86		
3	16QAM	1	0	21.95	21.99	21.98	22.8	1
3	16QAM	1	8	22.13	22.12	22.21		
3	16QAM	1	14	22.04	22.05	22.10		
3	16QAM	8	0	20.95	20.91	20.98	21.8	2
3	16QAM	8	4	20.98	20.95	20.94		
3	16QAM	8	7	21.00	21.03	21.06		
3	16QAM	15	0	20.98	20.89	20.91		
3	64QAM	1	0	20.92	20.96	20.97	21.8	2
3	64QAM	1	8	21.05	21.12	21.13		
3	64QAM	1	14	21.01	21.07	21.07		
3	64QAM	8	0	19.86	19.94	19.92	20.8	3
3	64QAM	8	4	19.82	19.89	19.88		
3	64QAM	8	7	19.90	19.92	19.79		
3	64QAM	15	0	19.92	19.88	19.88		
3	256QAM	1	0	18.20	18.12	18.22	18.8	5
3	256QAM	1	8	18.20	18.24	18.32		
3	256QAM	1	14	18.10	18.16	18.15		
3	256QAM	8	0	18.01	18.00	18.04	18.8	5
3	256QAM	8	4	18.02	18.00	18.04		
3	256QAM	8	7	18.02	18.01	18.05		
3	256QAM	15	0	17.94	17.99	17.95		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.59	22.69	22.64	23.8	0
1.4	QPSK	1	3	22.69	22.56	22.64		
1.4	QPSK	1	5	22.70	22.63	22.61		
1.4	QPSK	3	0	22.62	22.60	22.66		
1.4	QPSK	3	1	22.66	22.66	22.57		
1.4	QPSK	3	3	22.62	22.61	22.71		
1.4	QPSK	6	0	21.88	21.96	21.89	22.8	1
1.4	16QAM	1	0	22.05	21.95	21.99	22.8	1
1.4	16QAM	1	3	22.15	22.11	22.21		
1.4	16QAM	1	5	22.03	22.04	22.09		
1.4	16QAM	3	0	22.06	22.04	22.18		
1.4	16QAM	3	1	22.18	22.15	22.15		
1.4	16QAM	3	3	22.17	22.13	22.10		
1.4	16QAM	6	0	20.99	20.93	20.90	21.8	2
1.4	64QAM	1	0	20.88	20.94	20.96	21.8	2
1.4	64QAM	1	3	21.00	21.15	21.05		
1.4	64QAM	1	5	21.04	21.07	21.15		
1.4	64QAM	3	0	21.06	21.00	20.98		
1.4	64QAM	3	1	21.03	20.99	21.01		
1.4	64QAM	3	3	21.05	20.99	21.09		
1.4	64QAM	6	0	19.93	19.93	19.98	20.8	3
1.4	256QAM	1	0	18.20	18.19	18.22	18.8	5
1.4	256QAM	1	3	18.18	18.25	18.30		
1.4	256QAM	1	5	18.19	18.21	18.21		
1.4	256QAM	3	0	18.22	18.19	18.18		
1.4	256QAM	3	1	18.26	18.26	18.29		
1.4	256QAM	3	3	18.32	18.24	18.31		
1.4	256QAM	6	0	17.97	17.94	18.00	18.8	5

Band 4_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.74	23.89	23.83	24.8	0
20	QPSK	1	49	23.65	23.84	23.81		
20	QPSK	1	99	23.70	23.68	23.70		
20	QPSK	50	0	22.88	23.00	22.94	23.8	1
20	QPSK	50	24	22.83	22.84	22.93		
20	QPSK	50	50	22.74	22.91	22.89		
20	QPSK	100	0	22.81	22.92	22.84		
20	16QAM	1	0	23.12	23.32	23.27	23.8	1
20	16QAM	1	49	23.18	23.32	23.12		
20	16QAM	1	99	23.26	23.41	23.24		
20	16QAM	50	0	21.83	21.99	21.80	22.8	2
20	16QAM	50	24	21.88	21.87	21.96		
20	16QAM	50	50	21.82	22.03	21.85		
20	16QAM	100	0	21.76	21.94	21.90		
20	64QAM	1	0	21.93	22.21	22.26	22.8	2
20	64QAM	1	49	22.17	22.34	21.90		
20	64QAM	1	99	21.99	22.05	21.94		
20	64QAM	50	0	20.69	20.97	20.89	21.8	3
20	64QAM	50	24	20.78	20.87	20.96		
20	64QAM	50	50	20.79	20.96	20.80		
20	64QAM	100	0	20.79	20.89	20.89		
20	256QAM	1	0	18.95	19.04	18.95	19.8	5
20	256QAM	1	49	18.99	19.11	19.06		
20	256QAM	1	99	19.07	19.15	19.07		
20	256QAM	50	0	18.94	18.92	18.94	19.8	5
20	256QAM	50	24	19.00	18.95	18.97		
20	256QAM	50	50	18.98	18.95	18.95		
20	256QAM	100	0	18.93	18.92	18.95		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.78	23.86	23.73	24.8	0
15	QPSK	1	37	23.73	23.82	23.74		
15	QPSK	1	74	23.64	23.77	23.73		
15	QPSK	36	0	22.85	22.85	22.94	23.8	1
15	QPSK	36	20	22.85	22.94	22.94		
15	QPSK	36	39	22.77	22.87	22.90		
15	QPSK	75	0	22.84	22.87	22.87		
15	16QAM	1	0	23.10	23.17	23.25	23.8	1
15	16QAM	1	37	23.11	23.15	23.24		
15	16QAM	1	74	22.92	23.04	23.16		
15	16QAM	36	0	21.90	21.87	21.92	22.8	2
15	16QAM	36	20	21.88	21.94	21.96		
15	16QAM	36	39	21.78	21.91	21.97		
15	16QAM	75	0	21.82	21.91	21.88		
15	64QAM	1	0	22.02	22.02	22.05	22.8	2
15	64QAM	1	37	21.87	22.01	22.22		
15	64QAM	1	74	21.94	22.07	21.99		
15	64QAM	36	0	20.83	20.86	20.94	21.8	3
15	64QAM	36	20	20.85	20.95	20.95		
15	64QAM	36	39	20.77	20.88	20.96		
15	64QAM	75	0	20.81	20.94	20.89		
15	256QAM	1	0	18.93	18.96	19.08	19.8	5
15	256QAM	1	37	18.96	19.07	19.09		
15	256QAM	1	74	19.05	19.05	19.14		
15	256QAM	36	0	18.95	18.94	18.93	19.8	5
15	256QAM	36	20	19.02	18.94	18.95		
15	256QAM	36	39	18.99	18.99	18.93		
15	256QAM	75	0	18.97	18.91	18.92		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.74	23.80	23.88	24.8	0
10	QPSK	1	25	23.74	23.81	23.73		
10	QPSK	1	49	23.59	23.72	23.80		
10	QPSK	25	0	22.85	22.84	22.90	23.8	1
10	QPSK	25	12	22.79	22.87	22.91		
10	QPSK	25	25	22.76	22.83	22.95		
10	QPSK	50	0	22.78	22.85	22.83		
10	16QAM	1	0	23.23	23.18	23.25	23.8	1
10	16QAM	1	25	23.21	23.18	23.29		
10	16QAM	1	49	23.14	23.08	23.22		
10	16QAM	25	0	21.85	21.88	21.87	22.8	2
10	16QAM	25	12	21.84	21.91	21.88		
10	16QAM	25	25	21.80	21.86	21.95		
10	16QAM	50	0	21.80	21.88	21.85		
10	64QAM	1	0	21.88	21.99	22.07	22.8	2
10	64QAM	1	25	21.97	21.98	22.14		
10	64QAM	1	49	21.95	21.95	22.04		
10	64QAM	25	0	20.83	20.84	20.87	21.8	3
10	64QAM	25	12	20.83	20.90	20.88		
10	64QAM	25	25	20.79	20.86	20.89		
10	64QAM	50	0	20.77	20.89	20.87		
10	256QAM	1	0	18.99	18.99	19.07	19.8	5
10	256QAM	1	25	18.95	19.10	19.11		
10	256QAM	1	49	19.07	19.03	19.14		
10	256QAM	25	0	18.94	18.90	18.88	19.8	5
10	256QAM	25	12	19.02	18.94	18.97		
10	256QAM	25	25	18.94	18.94	18.99		
10	256QAM	50	0	18.95	18.95	18.95		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.73	23.80	23.87	24.8	0
5	QPSK	1	12	23.76	23.79	23.68		
5	QPSK	1	24	23.73	23.80	23.86		
5	QPSK	12	0	22.69	22.78	22.83	23.8	1
5	QPSK	12	7	22.82	22.86	22.81		
5	QPSK	12	13	22.77	22.84	22.88		
5	QPSK	25	0	22.76	22.84	22.83		
5	16QAM	1	0	23.06	23.18	23.21	23.8	1
5	16QAM	1	12	23.15	23.21	23.40		
5	16QAM	1	24	23.02	23.10	23.20		
5	16QAM	12	0	21.74	21.80	21.93	22.8	2
5	16QAM	12	7	21.84	21.90	21.89		
5	16QAM	12	13	21.83	21.92	21.93		
5	16QAM	25	0	21.79	21.89	21.81		
5	64QAM	1	0	21.97	22.07	22.18	22.8	2
5	64QAM	1	12	21.98	22.02	22.14		
5	64QAM	1	24	21.94	21.97	22.14		
5	64QAM	12	0	20.77	20.82	20.85	21.8	3
5	64QAM	12	7	20.85	20.91	20.86		
5	64QAM	12	13	20.79	20.83	20.93		
5	64QAM	25	0	20.81	20.85	20.83		
5	256QAM	1	0	18.95	18.94	19.01	19.8	5
5	256QAM	1	12	18.99	19.06	19.07		
5	256QAM	1	24	19.05	19.03	19.18		
5	256QAM	12	0	18.92	18.98	18.94	19.8	5
5	256QAM	12	7	19.01	18.99	18.97		
5	256QAM	12	13	18.94	18.98	18.92		
5	256QAM	25	0	18.92	18.95	18.90		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.85	23.86	23.87	24.8	0
3	QPSK	1	8	23.87	23.82	23.82		
3	QPSK	1	14	23.65	23.74	23.72		
3	QPSK	8	0	22.78	22.84	22.82	23.8	1
3	QPSK	8	4	22.76	22.87	22.78		
3	QPSK	8	7	22.75	22.82	22.85		
3	QPSK	15	0	22.73	22.79	22.78		
3	16QAM	1	0	23.02	23.15	23.09	23.8	1
3	16QAM	1	8	23.12	23.24	23.17		
3	16QAM	1	14	23.01	23.09	23.16		
3	16QAM	8	0	21.84	21.98	21.89	22.8	2
3	16QAM	8	4	21.88	21.97	21.86		
3	16QAM	8	7	21.87	21.90	21.93		
3	16QAM	15	0	21.77	21.88	21.83		
3	64QAM	1	0	21.94	21.97	22.02	22.8	2
3	64QAM	1	8	22.03	22.02	22.09		
3	64QAM	1	14	21.86	22.01	21.96		
3	64QAM	8	0	20.79	20.89	20.89	21.8	3
3	64QAM	8	4	20.83	20.94	20.88		
3	64QAM	8	7	20.81	20.92	20.94		
3	64QAM	15	0	20.77	20.83	20.79		
3	256QAM	1	0	18.91	18.96	19.00	19.8	5
3	256QAM	1	8	19.03	19.03	19.14		
3	256QAM	1	14	19.10	19.03	19.18		
3	256QAM	8	0	18.95	18.93	18.92	19.8	5
3	256QAM	8	4	18.96	19.00	18.95		
3	256QAM	8	7	18.97	18.95	18.91		
3	256QAM	15	0	18.89	18.92	18.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.70	23.78	23.80	24.8	0
1.4	QPSK	1	3	23.68	23.78	23.79		
1.4	QPSK	1	5	23.65	23.78	23.78		
1.4	QPSK	3	0	23.72	23.80	23.88		
1.4	QPSK	3	1	23.71	23.80	23.81		
1.4	QPSK	3	3	23.73	23.80	23.84		
1.4	QPSK	6	0	22.69	22.80	22.86	23.8	1
1.4	16QAM	1	0	23.07	23.22	23.20	23.8	1
1.4	16QAM	1	3	23.07	23.26	23.23		
1.4	16QAM	1	5	23.14	23.16	23.13		
1.4	16QAM	3	0	22.91	22.93	23.02		
1.4	16QAM	3	1	22.85	22.94	23.03		
1.4	16QAM	3	3	22.84	22.96	22.99		
1.4	16QAM	6	0	21.53	21.93	21.92	22.8	2
1.4	64QAM	1	0	21.95	22.03	22.00	22.8	2
1.4	64QAM	1	3	21.99	22.07	22.01		
1.4	64QAM	1	5	21.94	22.04	22.02		
1.4	64QAM	3	0	21.81	21.89	21.94		
1.4	64QAM	3	1	21.86	21.90	21.98		
1.4	64QAM	3	3	21.81	21.94	21.95		
1.4	64QAM	6	0	20.76	20.88	20.88	21.8	3
1.4	256QAM	1	0	18.95	18.99	19.07	19.8	5
1.4	256QAM	1	3	18.99	19.10	19.15		
1.4	256QAM	1	5	19.04	19.07	19.14		
1.4	256QAM	3	0	18.95	18.96	18.92		
1.4	256QAM	3	1	19.00	18.96	18.96		
1.4	256QAM	3	3	19.00	18.95	18.99		
1.4	256QAM	6	0	18.96	18.98	18.93	19.8	5

Band 5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.82	23.72	23.70	24.8	0
10	QPSK	1	25	23.77	23.69	23.69		
10	QPSK	1	49	23.77	23.67	23.63		
10	QPSK	25	0	22.83	22.82	22.81	23.8	1
10	QPSK	25	12	22.80	22.75	22.80		
10	QPSK	25	25	22.81	22.79	22.79		
10	QPSK	50	0	22.82	22.81	22.80		
10	16QAM	1	0	23.20	23.11	23.07	23.8	1
10	16QAM	1	25	23.14	23.03	23.05		
10	16QAM	1	49	23.22	23.12	23.07		
10	16QAM	25	0	21.82	21.77	21.73	22.8	2
10	16QAM	25	12	21.83	21.78	21.83		
10	16QAM	25	25	21.89	21.80	21.80		
10	16QAM	50	0	21.88	21.82	21.81		
10	64QAM	1	0	22.10	22.04	21.88	22.8	2
10	64QAM	1	25	22.02	21.95	22.00		
10	64QAM	1	49	21.95	22.04	21.89		
10	64QAM	25	0	20.80	20.73	20.70	21.8	3
10	64QAM	25	12	20.81	20.75	20.80		
10	64QAM	25	25	20.86	20.78	20.77		
10	64QAM	50	0	20.89	20.79	20.79		
10	256QAM	1	0	18.97	18.96	18.99	19.8	5
10	256QAM	1	25	19.03	19.11	19.07		
10	256QAM	1	49	19.08	19.02	19.01		
10	256QAM	25	0	18.99	18.97	18.96	19.8	5
10	256QAM	25	12	18.96	18.92	19.00		
10	256QAM	25	25	19.00	18.95	18.98		
10	256QAM	50	0	19.07	18.96	19.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.54	23.69	23.72	24.8	0
5	QPSK	1	12	23.68	23.77	23.78		
5	QPSK	1	24	23.60	23.81	23.80		
5	QPSK	12	0	22.67	22.72	22.80	23.8	1
5	QPSK	12	7	22.77	22.67	22.88		
5	QPSK	12	13	22.69	22.78	22.88		
5	QPSK	25	0	22.70	22.79	22.85		
5	16QAM	1	0	23.30	22.99	22.98	23.8	1
5	16QAM	1	12	23.05	23.39	23.12		
5	16QAM	1	24	23.10	23.15	23.41		
5	16QAM	12	0	21.78	21.77	21.85	22.8	2
5	16QAM	12	7	21.69	21.68	21.85		
5	16QAM	12	13	21.85	21.73	21.82		
5	16QAM	25	0	21.70	21.65	21.92		
5	64QAM	1	0	21.96	22.01	22.00	22.8	2
5	64QAM	1	12	22.13	22.09	21.95		
5	64QAM	1	24	21.90	21.91	22.04		
5	64QAM	12	0	20.60	20.72	20.84	21.8	3
5	64QAM	12	7	20.82	20.84	20.96		
5	64QAM	12	13	20.79	20.88	20.89		
5	64QAM	25	0	20.81	20.85	20.83		
5	256QAM	1	0	18.95	18.92	18.98	19.8	5
5	256QAM	1	12	19.03	19.11	19.03		
5	256QAM	1	24	19.00	19.02	19.07		
5	256QAM	12	0	18.94	19.00	18.96	19.8	5
5	256QAM	12	7	19.00	18.96	18.92		
5	256QAM	12	13	18.95	18.97	19.02		
5	256QAM	25	0	19.04	18.95	19.06		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.67	23.72	23.80	24.8	0
3	QPSK	1	8	23.63	23.75	23.79		
3	QPSK	1	14	23.61	23.69	23.60		
3	QPSK	8	0	22.77	22.60	22.80	23.8	1
3	QPSK	8	4	22.69	22.75	22.80		
3	QPSK	8	7	22.73	22.68	22.73		
3	QPSK	15	0	22.70	22.68	22.73		
3	16QAM	1	0	23.00	22.95	22.92	23.8	1
3	16QAM	1	8	23.09	23.18	22.80		
3	16QAM	1	14	22.81	23.18	23.18		
3	16QAM	8	0	21.74	21.81	21.82	22.8	2
3	16QAM	8	4	21.74	21.78	21.77		
3	16QAM	8	7	21.68	21.89	21.96		
3	16QAM	15	0	21.79	21.81	21.73		
3	64QAM	1	0	21.99	22.05	22.21	22.8	2
3	64QAM	1	8	22.32	21.94	22.23		
3	64QAM	1	14	21.27	21.87	22.18		
3	64QAM	8	0	20.74	20.70	20.77	21.8	3
3	64QAM	8	4	20.73	20.85	20.70		
3	64QAM	8	7	20.59	20.73	20.80		
3	64QAM	15	0	20.59	20.72	20.75		
3	256QAM	1	0	18.95	18.96	18.98	19.8	5
3	256QAM	1	8	19.09	19.09	19.00		
3	256QAM	1	14	19.00	19.05	19.08		
3	256QAM	8	0	19.00	18.94	19.01	19.8	5
3	256QAM	8	4	18.99	18.91	18.97		
3	256QAM	8	7	19.02	18.91	19.00		
3	256QAM	15	0	19.04	18.93	19.07		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.81	23.64	23.80	24.8	0
1.4	QPSK	1	3	23.65	23.65	23.64		
1.4	QPSK	1	5	23.59	23.59	23.70		
1.4	QPSK	3	0	23.65	23.62	23.78		
1.4	QPSK	3	1	23.64	23.56	23.76		
1.4	QPSK	3	3	23.63	23.69	23.70		
1.4	QPSK	6	0	22.63	22.69	22.73	23.8	1
1.4	16QAM	1	0	22.85	22.78	23.05	23.8	1
1.4	16QAM	1	3	22.87	23.14	23.11		
1.4	16QAM	1	5	22.94	23.20	22.98		
1.4	16QAM	3	0	22.96	22.71	22.86		
1.4	16QAM	3	1	22.83	23.04	22.83		
1.4	16QAM	3	3	22.79	22.66	23.17		
1.4	16QAM	6	0	21.62	21.94	22.04	22.8	2
1.4	64QAM	1	0	21.98	22.00	22.08	22.8	2
1.4	64QAM	1	3	21.84	22.25	22.24		
1.4	64QAM	1	5	22.18	21.94	22.19		
1.4	64QAM	3	0	21.77	21.97	22.11		
1.4	64QAM	3	1	21.76	21.77	22.03		
1.4	64QAM	3	3	21.75	22.19	21.88		
1.4	64QAM	6	0	20.75	20.75	20.74	21.8	3
1.4	256QAM	1	0	18.98	18.95	19.01	19.8	5
1.4	256QAM	1	3	19.08	19.14	18.99		
1.4	256QAM	1	5	18.99	18.99	19.11		
1.4	256QAM	3	0	18.93	18.99	18.95		
1.4	256QAM	3	1	18.99	18.88	18.99		
1.4	256QAM	3	3	19.01	18.95	18.96		
1.4	256QAM	6	0	19.03	18.95	19.09	19.8	5

Band 7_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.81	22.85	22.80	23.8	0
20	QPSK	1	49	22.78	22.79	22.78		
20	QPSK	1	99	22.72	22.74	22.76		
20	QPSK	50	0	22.09	22.10	22.09	22.8	1
20	QPSK	50	24	22.07	22.03	22.08		
20	QPSK	50	50	22.06	22.06	22.08		
20	QPSK	100	0	22.04	22.07	22.06		
20	16QAM	1	0	22.09	22.07	22.07	22.8	1
20	16QAM	1	49	22.00	22.02	22.05		
20	16QAM	1	99	22.15	22.09	22.13		
20	16QAM	50	0	21.01	21.05	21.06	21.8	2
20	16QAM	50	24	21.06	21.06	21.11		
20	16QAM	50	50	21.13	21.17	21.12		
20	16QAM	100	0	21.04	21.08	21.05		
20	64QAM	1	0	21.06	21.08	21.10	21.8	2
20	64QAM	1	49	21.05	21.04	21.07		
20	64QAM	1	99	21.05	21.08	21.14		
20	64QAM	50	0	20.06	20.02	19.99	20.8	3
20	64QAM	50	24	19.98	20.01	19.99		
20	64QAM	50	50	20.16	20.11	20.09		
20	64QAM	100	0	20.01	20.06	20.08		
20	256QAM	1	0	18.28	18.22	18.18	18.8	5
20	256QAM	1	49	18.20	18.23	18.20		
20	256QAM	1	99	18.28	18.31	18.35		
20	256QAM	50	0	18.12	18.07	18.13	18.8	5
20	256QAM	50	24	18.05	18.08	18.02		
20	256QAM	50	50	18.07	18.12	18.13		
20	256QAM	100	0	18.06	18.03	18.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.72	22.82	22.69	23.8	0
15	QPSK	1	37	22.72	22.75	22.75		
15	QPSK	1	74	22.60	22.63	22.67		
15	QPSK	36	0	21.96	21.97	22.00	22.8	1
15	QPSK	36	20	21.99	21.97	22.04		
15	QPSK	36	39	21.98	22.01	21.97		
15	QPSK	75	0	21.91	22.02	21.98		
15	16QAM	1	0	21.97	22.01	22.04	22.8	1
15	16QAM	1	37	21.87	21.90	21.92		
15	16QAM	1	74	22.12	21.96	22.06		
15	16QAM	36	0	20.98	20.98	21.00	21.8	2
15	16QAM	36	20	21.02	20.98	21.01		
15	16QAM	36	39	21.09	21.04	21.04		
15	16QAM	75	0	20.95	21.04	20.98		
15	64QAM	1	0	20.98	20.97	20.98	21.8	2
15	64QAM	1	37	21.02	20.94	20.94		
15	64QAM	1	74	20.95	21.05	21.07		
15	64QAM	36	0	20.03	19.93	19.90	20.8	3
15	64QAM	36	20	19.90	19.97	19.90		
15	64QAM	36	39	20.10	20.01	20.02		
15	64QAM	75	0	19.88	20.01	19.95		
15	256QAM	1	0	18.20	18.11	18.09	18.8	5
15	256QAM	1	37	18.08	18.10	18.07		
15	256QAM	1	74	18.24	18.19	18.25		
15	256QAM	36	0	18.06	17.94	18.03	18.8	5
15	256QAM	36	20	17.94	18.03	17.89		
15	256QAM	36	39	17.95	18.01	18.05		
15	256QAM	75	0	18.01	17.97	18.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.74	22.79	22.72	23.8	0
10	QPSK	1	25	22.75	22.74	22.68		
10	QPSK	1	49	22.63	22.67	22.67		
10	QPSK	25	0	21.94	22.03	21.94	22.8	1
10	QPSK	25	12	21.99	21.99	22.01		
10	QPSK	25	25	21.99	22.00	21.98		
10	QPSK	50	0	21.98	21.96	22.00		
10	16QAM	1	0	21.96	21.96	21.98	22.8	1
10	16QAM	1	25	21.97	21.97	22.02		
10	16QAM	1	49	22.02	21.96	22.06		
10	16QAM	25	0	20.89	20.99	20.94	21.8	2
10	16QAM	25	12	20.93	21.00	21.00		
10	16QAM	25	25	21.01	21.13	21.00		
10	16QAM	50	0	20.98	20.95	20.92		
10	64QAM	1	0	20.98	21.04	21.04	21.8	2
10	64QAM	1	25	21.02	20.92	20.96		
10	64QAM	1	49	21.01	21.02	21.03		
10	64QAM	25	0	19.98	19.92	19.86	20.8	3
10	64QAM	25	12	19.94	19.89	19.92		
10	64QAM	25	25	20.10	20.03	19.97		
10	64QAM	50	0	19.92	19.93	20.01		
10	256QAM	1	0	18.17	18.16	18.11	18.8	5
10	256QAM	1	25	18.09	18.12	18.08		
10	256QAM	1	49	18.23	18.27	18.22		
10	256QAM	25	0	18.06	17.94	18.08	18.8	5
10	256QAM	25	12	17.95	17.99	17.96		
10	256QAM	25	25	17.99	18.00	18.07		
10	256QAM	50	0	17.98	17.93	18.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.72	22.80	22.68	23.8	0
5	QPSK	1	12	22.68	22.70	22.74		
5	QPSK	1	24	22.69	22.70	22.66		
5	QPSK	12	0	21.99	21.98	21.96	22.8	1
5	QPSK	12	7	21.97	21.97	21.97		
5	QPSK	12	13	22.01	21.93	22.00		
5	QPSK	25	0	21.99	21.98	22.01		
5	16QAM	1	0	21.96	21.97	22.03	22.8	1
5	16QAM	1	12	21.95	21.89	21.92		
5	16QAM	1	24	22.12	22.00	22.02		
5	16QAM	12	0	20.96	20.99	20.93	21.8	2
5	16QAM	12	7	21.02	21.01	21.03		
5	16QAM	12	13	21.05	21.12	21.02		
5	16QAM	25	0	20.98	20.95	21.02		
5	64QAM	1	0	20.95	21.03	21.02	21.8	2
5	64QAM	1	12	21.00	20.99	20.97		
5	64QAM	1	24	21.02	20.98	21.09		
5	64QAM	12	0	20.00	19.98	19.90	20.8	3
5	64QAM	12	7	19.88	19.96	19.93		
5	64QAM	12	13	20.13	20.00	20.06		
5	64QAM	25	0	19.95	19.97	20.02		
5	256QAM	1	0	18.21	18.13	18.14	18.8	5
5	256QAM	1	12	18.11	18.15	18.07		
5	256QAM	1	24	18.19	18.28	18.32		
5	256QAM	12	0	18.01	17.95	18.00	18.8	5
5	256QAM	12	7	17.97	18.01	17.89		
5	256QAM	12	13	18.02	18.05	18.09		
5	256QAM	25	0	17.98	17.98	18.03		

Band 7_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.25	23.28	23.25	24	0
20	QPSK	1	49	23.12	23.25	22.97		
20	QPSK	1	99	23.23	23.24	23.20		
20	QPSK	50	0	22.40	22.64	22.36	23	1
20	QPSK	50	24	22.35	22.51	22.30		
20	QPSK	50	50	22.37	22.58	22.27		
20	QPSK	100	0	22.33	22.60	22.32		
20	16QAM	1	0	22.34	22.46	22.11	23	1
20	16QAM	1	49	22.23	22.56	22.10		
20	16QAM	1	99	22.16	22.46	22.17		
20	16QAM	50	0	21.28	21.57	21.22	22	2
20	16QAM	50	24	21.42	21.55	21.30		
20	16QAM	50	50	21.33	21.71	21.37		
20	16QAM	100	0	21.42	21.68	21.34		
20	64QAM	1	0	21.19	21.59	21.33	22	2
20	64QAM	1	49	21.22	21.50	21.21		
20	64QAM	1	99	21.31	21.59	21.37		
20	64QAM	50	0	20.22	20.50	20.27	21	3
20	64QAM	50	24	20.35	20.61	20.45		
20	64QAM	50	50	20.30	20.70	20.41		
20	64QAM	100	0	20.27	20.60	20.41		
20	256QAM	1	0	18.68	18.67	18.39	19	5
20	256QAM	1	49	18.60	18.63	18.36		
20	256QAM	1	99	18.70	18.61	18.41		
20	256QAM	50	0	18.43	18.53	18.28	19	5
20	256QAM	50	24	18.57	18.56	18.30		
20	256QAM	50	50	18.51	18.58	18.30		
20	256QAM	100	0	18.51	18.52	18.26		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.79	23.21	22.96	24	0
15	QPSK	1	37	22.94	23.25	23.07		
15	QPSK	1	74	23.24	23.25	23.08		
15	QPSK	36	0	22.02	22.39	22.07	23	1
15	QPSK	36	20	22.05	22.37	22.14		
15	QPSK	36	39	22.12	22.57	22.27		
15	QPSK	75	0	22.06	22.44	22.10		
15	16QAM	1	0	22.02	22.55	22.22	23	1
15	16QAM	1	37	22.05	22.75	22.48		
15	16QAM	1	74	22.70	22.68	22.59		
15	16QAM	36	0	21.09	21.42	21.10	22	2
15	16QAM	36	20	21.13	21.35	21.03		
15	16QAM	36	39	21.17	21.48	21.31		
15	16QAM	75	0	21.11	21.44	21.01		
15	64QAM	1	0	21.16	21.42	21.17	22	2
15	64QAM	1	37	21.15	21.60	21.46		
15	64QAM	1	74	21.18	21.53	21.23		
15	64QAM	36	0	20.00	20.31	20.11	21	3
15	64QAM	36	20	20.09	20.49	20.14		
15	64QAM	36	39	20.10	20.56	20.21		
15	64QAM	75	0	20.03	20.47	20.11		
15	256QAM	1	0	18.72	18.70	18.40	19	5
15	256QAM	1	37	18.56	18.66	18.36		
15	256QAM	1	74	18.68	18.61	18.42		
15	256QAM	36	0	18.42	18.55	18.30	19	5
15	256QAM	36	20	18.59	18.53	18.34		
15	256QAM	36	39	18.49	18.58	18.27		
15	256QAM	75	0	18.53	18.49	18.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.03	23.25	23.10	24	0
10	QPSK	1	25	23.05	23.27	23.25		
10	QPSK	1	49	23.27	23.27	23.19		
10	QPSK	25	0	22.16	22.42	22.20	23	1
10	QPSK	25	12	22.19	22.30	22.32		
10	QPSK	25	25	22.15	22.38	22.31		
10	QPSK	50	0	21.97	22.38	22.19		
10	16QAM	1	0	22.24	22.53	22.27	23	1
10	16QAM	1	25	22.63	22.61	22.38		
10	16QAM	1	49	22.04	22.53	22.37		
10	16QAM	25	0	21.21	21.39	21.32	22	2
10	16QAM	25	12	21.23	21.36	21.30		
10	16QAM	25	25	21.25	21.50	21.40		
10	16QAM	50	0	21.18	21.43	21.25		
10	64QAM	1	0	21.29	21.59	21.34	22	2
10	64QAM	1	25	21.26	21.48	21.10		
10	64QAM	1	49	21.09	21.51	21.48		
10	64QAM	25	0	20.19	20.42	20.16	21	3
10	64QAM	25	12	20.12	20.47	20.29		
10	64QAM	25	25	20.19	20.39	20.33		
10	64QAM	50	0	20.18	20.47	20.19		
10	256QAM	1	0	18.69	18.69	18.37	19	5
10	256QAM	1	25	18.56	18.66	18.35		
10	256QAM	1	49	18.66	18.62	18.43		
10	256QAM	25	0	18.45	18.51	18.29	19	5
10	256QAM	25	12	18.59	18.56	18.29		
10	256QAM	25	25	18.53	18.54	18.33		
10	256QAM	50	0	18.55	18.50	18.22		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.95	23.26	23.27	24	0
5	QPSK	1	12	23.20	23.26	23.20		
5	QPSK	1	24	23.11	23.22	23.20		
5	QPSK	12	0	22.02	22.17	22.20	23	1
5	QPSK	12	7	22.14	22.42	22.27		
5	QPSK	12	13	22.21	22.41	22.35		
5	QPSK	25	0	22.17	22.39	22.31		
5	16QAM	1	0	22.25	22.42	22.39	23	1
5	16QAM	1	12	22.25	22.56	22.35		
5	16QAM	1	24	22.58	22.47	22.39		
5	16QAM	12	0	21.09	21.44	21.18	22	2
5	16QAM	12	7	21.31	21.42	21.34		
5	16QAM	12	13	21.23	21.53	21.42		
5	16QAM	25	0	21.11	21.23	21.31		
5	64QAM	1	0	21.33	21.18	21.47	22	2
5	64QAM	1	12	21.31	21.18	21.20		
5	64QAM	1	24	21.37	21.47	21.24		
5	64QAM	12	0	20.03	20.29	20.18	21	3
5	64QAM	12	7	20.14	20.55	20.29		
5	64QAM	12	13	20.22	20.34	20.43		
5	64QAM	25	0	20.13	20.36	20.18		
5	256QAM	1	0	18.64	18.68	18.39	19	5
5	256QAM	1	12	18.56	18.66	18.40		
5	256QAM	1	24	18.74	18.63	18.37		
5	256QAM	12	0	18.42	18.55	18.27	19	5
5	256QAM	12	7	18.61	18.58	18.32		
5	256QAM	12	13	18.50	18.60	18.26		
5	256QAM	25	0	18.52	18.53	18.28		

Band 12_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.92	23.82	24.8	0
10	QPSK	1	25	23.85	23.85	23.80		
10	QPSK	1	49	23.84	23.83	23.78		
10	QPSK	25	0	22.91	22.95	22.90	23.8	1
10	QPSK	25	12	22.84	22.94	22.89		
10	QPSK	25	25	22.90	22.92	22.89		
10	QPSK	50	0	22.83	22.90	22.88		
10	16QAM	1	0	23.26	23.31	23.23	23.8	1
10	16QAM	1	25	23.16	23.22	23.13		
10	16QAM	1	49	23.26	23.25	23.22		
10	16QAM	25	0	21.85	21.87	21.83	22.8	2
10	16QAM	25	12	21.88	21.95	21.92		
10	16QAM	25	25	21.93	21.93	21.90		
10	16QAM	50	0	21.86	21.92	21.89		
10	64QAM	1	0	22.13	22.09	21.99	22.8	2
10	64QAM	1	25	22.07	22.15	22.03		
10	64QAM	1	49	22.10	22.06	22.08		
10	64QAM	25	0	20.87	20.85	20.82	21.8	3
10	64QAM	25	12	20.85	20.95	20.91		
10	64QAM	25	25	20.93	20.94	20.91		
10	64QAM	50	0	20.84	20.92	20.90		
10	256QAM	1	0	19.06	19.05	19.07	19.8	5
10	256QAM	1	25	19.16	19.11	19.11		
10	256QAM	1	49	19.01	19.07	18.99		
10	256QAM	25	0	19.05	19.04	19.00	19.8	5
10	256QAM	25	12	18.99	19.12	19.09		
10	256QAM	25	25	19.03	19.04	19.04		
10	256QAM	50	0	19.02	19.03	19.06		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.68	23.61	23.71	24.8	0
5	QPSK	1	12	23.78	23.78	23.84		
5	QPSK	1	24	23.71	23.87	23.85		
5	QPSK	12	0	22.82	22.80	22.76	23.8	1
5	QPSK	12	7	22.91	22.83	22.78		
5	QPSK	12	13	22.80	22.86	22.76		
5	QPSK	25	0	22.85	22.81	22.69		
5	16QAM	1	0	23.20	23.14	23.27	23.8	1
5	16QAM	1	12	23.26	23.55	23.34		
5	16QAM	1	24	23.49	22.91	23.09		
5	16QAM	12	0	21.65	21.93	21.83	22.8	2
5	16QAM	12	7	21.92	21.85	21.91		
5	16QAM	12	13	21.89	21.84	21.86		
5	16QAM	25	0	21.87	21.76	21.72		
5	64QAM	1	0	21.87	22.45	22.08	22.8	2
5	64QAM	1	12	22.27	22.23	22.28		
5	64QAM	1	24	21.77	21.97	21.72		
5	64QAM	12	0	20.80	20.75	20.64	21.8	3
5	64QAM	12	7	20.80	20.74	20.74		
5	64QAM	12	13	20.84	20.86	20.83		
5	64QAM	25	0	20.86	20.87	20.77		
5	256QAM	1	0	19.02	19.07	19.09	19.8	5
5	256QAM	1	12	19.11	19.12	19.14		
5	256QAM	1	24	19.09	18.99	18.97		
5	256QAM	12	0	19.05	19.07	18.98	19.8	5
5	256QAM	12	7	19.15	19.00	19.10		
5	256QAM	12	13	19.01	19.05	19.05		
5	256QAM	25	0	19.00	19.03	19.06		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.76	23.74	23.88	24.8	0
3	QPSK	1	8	23.80	23.79	23.91		
3	QPSK	1	14	23.76	23.60	23.66		
3	QPSK	8	0	22.84	22.79	22.70	23.8	1
3	QPSK	8	4	22.86	22.88	22.80		
3	QPSK	8	7	22.87	22.83	22.80		
3	QPSK	15	0	22.80	22.70	22.69		
3	16QAM	1	0	23.22	22.75	22.91	23.8	1
3	16QAM	1	8	23.14	23.31	23.08		
3	16QAM	1	14	23.26	23.04	23.19		
3	16QAM	8	0	22.07	21.74	21.85	22.8	2
3	16QAM	8	4	22.01	21.94	21.78		
3	16QAM	8	7	21.85	21.93	21.85		
3	16QAM	15	0	21.84	21.75	21.82		
3	64QAM	1	0	22.10	21.93	21.59	22.8	2
3	64QAM	1	8	22.17	21.85	22.46		
3	64QAM	1	14	21.77	22.15	21.66		
3	64QAM	8	0	20.90	20.79	20.71	21.8	3
3	64QAM	8	4	20.98	20.93	20.73		
3	64QAM	8	7	20.80	20.78	20.83		
3	64QAM	15	0	20.86	20.78	20.75		
3	256QAM	1	0	19.08	19.04	19.10	19.8	5
3	256QAM	1	8	19.08	19.15	19.10		
3	256QAM	1	14	19.03	19.04	18.97		
3	256QAM	8	0	19.04	19.04	19.01	19.8	5
3	256QAM	8	4	19.09	19.02	19.07		
3	256QAM	8	7	19.03	19.04	19.01		
3	256QAM	15	0	19.03	19.02	19.06		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.84	23.78	23.65	24.8	0
1.4	QPSK	1	3	23.78	23.79	23.76		
1.4	QPSK	1	5	23.69	23.81	23.62		
1.4	QPSK	3	0	23.89	23.82	23.79		
1.4	QPSK	3	1	23.77	23.68	23.78		
1.4	QPSK	3	3	23.81	23.73	23.85		
1.4	QPSK	6	0	22.77	22.70	22.75	23.8	1
1.4	16QAM	1	0	23.16	23.25	22.90	23.8	1
1.4	16QAM	1	3	23.43	23.04	22.80		
1.4	16QAM	1	5	23.18	23.13	22.90		
1.4	16QAM	3	0	22.87	23.04	23.01		
1.4	16QAM	3	1	23.22	23.10	23.12		
1.4	16QAM	3	3	23.13	23.06	23.03		
1.4	16QAM	6	0	21.80	21.85	21.91	22.8	2
1.4	64QAM	1	0	22.05	22.19	21.90	22.8	2
1.4	64QAM	1	3	21.66	22.03	22.14		
1.4	64QAM	1	5	22.36	22.03	22.20		
1.4	64QAM	3	0	22.11	21.85	21.85		
1.4	64QAM	3	1	22.00	21.88	21.89		
1.4	64QAM	3	3	21.88	21.94	21.99		
1.4	64QAM	6	0	20.85	20.83	20.77	21.8	3
1.4	256QAM	1	0	19.08	19.04	19.08	19.8	5
1.4	256QAM	1	3	19.08	19.15	19.08		
1.4	256QAM	1	5	19.09	19.00	18.95		
1.4	256QAM	3	0	19.06	19.06	18.99		
1.4	256QAM	3	1	19.16	18.95	19.08		
1.4	256QAM	3	3	19.01	19.07	19.04		
1.4	256QAM	6	0	19.05	19.02	19.06	19.8	5

Band 13_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		23.75		24.8	0
10	QPSK	1	25		23.68			
10	QPSK	1	49		23.59			
10	QPSK	25	0		22.67		23.8	1
10	QPSK	25	12		22.66			
10	QPSK	25	25		22.62			
10	QPSK	50	0		22.65			
10	16QAM	1	0		23.03		23.8	1
10	16QAM	1	25		23.08			
10	16QAM	1	49		23.06			
10	16QAM	25	0		21.64		22.8	2
10	16QAM	25	12		21.68			
10	16QAM	25	25		21.64			
10	16QAM	50	0		21.68			
10	64QAM	1	0		21.72		22.8	2
10	64QAM	1	25		21.93			
10	64QAM	1	49		21.82			
10	64QAM	25	0		20.63		21.8	3
10	64QAM	25	12		20.66			
10	64QAM	25	25		20.62			
10	64QAM	50	0		20.67			
10	256QAM	1	0		19.00		19.8	5
10	256QAM	1	25		19.09			
10	256QAM	1	49		19.07			
10	256QAM	25	0		18.99		19.8	5
10	256QAM	25	12		18.96			
10	256QAM	25	25		18.95			
10	256QAM	50	0		18.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.43	23.60	23.63	24.8	0
5	QPSK	1	12	23.54	23.73	23.74		
5	QPSK	1	24	23.64	23.57	23.61		
5	QPSK	12	0	22.49	22.61	22.55	23.8	1
5	QPSK	12	7	22.64	22.60	22.63		
5	QPSK	12	13	22.60	22.60	22.58		
5	QPSK	25	0	22.62	22.60	22.60		
5	16QAM	1	0	22.72	22.94	22.60	23.8	1
5	16QAM	1	12	23.04	23.01	23.17		
5	16QAM	1	24	22.97	22.77	22.66		
5	16QAM	12	0	21.64	21.71	21.68	22.8	2
5	16QAM	12	7	21.62	21.58	21.75		
5	16QAM	12	13	21.67	21.64	21.67		
5	16QAM	25	0	21.56	21.56	21.67		
5	64QAM	1	0	21.75	21.85	21.56	22.8	2
5	64QAM	1	12	21.61	22.06	22.45		
5	64QAM	1	24	21.86	22.44	21.84		
5	64QAM	12	0	20.46	20.70	20.55	21.8	3
5	64QAM	12	7	20.73	20.69	20.80		
5	64QAM	12	13	20.67	20.40	20.76		
5	64QAM	25	0	20.63	20.51	20.60		
5	256QAM	1	0	18.75	18.88	18.85	19.8	5
5	256QAM	1	12	18.80	18.95	18.95		
5	256QAM	1	24	18.77	18.93	18.93		
5	256QAM	12	0	18.73	18.83	18.87	19.8	5
5	256QAM	12	7	18.68	18.85	18.82		
5	256QAM	12	13	18.69	18.79	18.82		
5	256QAM	25	0	18.71	18.88	18.86		

Band 17_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.82	23.88	23.83	24.8	0
10	QPSK	1	25	23.81	23.81	23.82		
10	QPSK	1	49	23.77	23.76	23.77		
10	QPSK	25	0	22.85	22.89	22.88	23.8	1
10	QPSK	25	12	22.84	22.85	22.86		
10	QPSK	25	25	22.82	22.88	22.84		
10	QPSK	50	0	22.84	22.85	22.83		
10	16QAM	1	0	23.16	23.18	23.17	23.8	1
10	16QAM	1	25	23.21	23.19	23.25		
10	16QAM	1	49	23.24	23.27	23.24		
10	16QAM	25	0	21.88	21.88	21.86	22.8	2
10	16QAM	25	12	21.96	21.88	21.97		
10	16QAM	25	25	21.90	21.90	21.91		
10	16QAM	50	0	21.83	21.84	21.83		
10	64QAM	1	0	22.01	21.99	22.04	22.8	2
10	64QAM	1	25	22.09	22.10	22.03		
10	64QAM	1	49	22.03	21.99	21.99		
10	64QAM	25	0	20.85	20.85	20.87	21.8	3
10	64QAM	25	12	20.96	20.90	20.96		
10	64QAM	25	25	20.88	20.91	20.88		
10	64QAM	50	0	20.84	20.85	20.84		
10	256QAM	1	0	19.08	18.99	19.02	19.8	5
10	256QAM	1	25	19.04	19.09	19.06		
10	256QAM	1	49	19.01	19.03	19.02		
10	256QAM	25	0	19.03	19.04	19.00	19.8	5
10	256QAM	25	12	19.05	19.05	19.06		
10	256QAM	25	25	18.97	18.98	19.03		
10	256QAM	50	0	18.99	19.01	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.86	23.84	23.82	24.8	0
5	QPSK	1	12	23.86	23.86	23.85		
5	QPSK	1	24	23.81	23.68	23.69		
5	QPSK	12	0	22.77	22.83	22.75	23.8	1
5	QPSK	12	7	22.87	22.78	22.79		
5	QPSK	12	13	22.79	22.85	22.76		
5	QPSK	25	0	22.79	22.85	22.73		
5	16QAM	1	0	23.19	23.21	23.34	23.8	1
5	16QAM	1	12	22.60	23.22	23.07		
5	16QAM	1	24	22.71	23.20	23.10		
5	16QAM	12	0	21.93	21.99	21.94	22.8	2
5	16QAM	12	7	22.02	21.93	21.84		
5	16QAM	12	13	22.00	21.87	21.92		
5	16QAM	25	0	21.91	21.75	21.77		
5	64QAM	1	0	21.45	22.13	22.20	22.8	2
5	64QAM	1	12	21.74	21.68	22.30		
5	64QAM	1	24	22.05	22.13	22.03		
5	64QAM	12	0	20.85	20.75	20.88	21.8	3
5	64QAM	12	7	21.02	20.82	20.78		
5	64QAM	12	13	20.87	20.84	20.88		
5	64QAM	25	0	20.83	20.80	20.82		
5	256QAM	1	0	19.06	18.96	19.04	19.8	5
5	256QAM	1	12	19.05	19.05	19.02		
5	256QAM	1	24	18.97	19.05	18.99		
5	256QAM	12	0	19.00	19.06	18.99	19.8	5
5	256QAM	12	7	19.09	19.04	19.09		
5	256QAM	12	13	18.97	18.95	19.03		
5	256QAM	25	0	19.00	18.99	18.98		

Band 25_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.57	23.74	23.62	24.8	0
20	QPSK	1	49	23.42	23.63	23.61		
20	QPSK	1	99	23.30	23.49	23.49		
20	QPSK	50	0	22.71	22.77	22.74	23.8	1
20	QPSK	50	24	22.64	22.76	22.73		
20	QPSK	50	50	22.70	22.70	22.66		
20	QPSK	100	0	22.67	22.75	22.69		
20	16QAM	1	0	23.18	23.10	23.01	23.8	1
20	16QAM	1	49	22.78	22.88	22.88		
20	16QAM	1	99	22.86	22.88	22.86		
20	16QAM	50	0	21.63	21.74	21.75	22.8	2
20	16QAM	50	24	21.62	21.82	21.73		
20	16QAM	50	50	21.65	21.74	21.73		
20	16QAM	100	0	21.74	21.83	21.58		
20	64QAM	1	0	21.86	21.83	21.78	22.8	2
20	64QAM	1	49	21.86	21.95	22.05		
20	64QAM	1	99	21.74	21.88	21.90		
20	64QAM	50	0	20.52	20.75	20.64	21.8	3
20	64QAM	50	24	20.66	20.75	20.80		
20	64QAM	50	50	20.66	20.78	20.68		
20	64QAM	100	0	20.68	20.84	20.67		
20	256QAM	1	0	18.76	18.90	18.91	19.8	5
20	256QAM	1	49	18.76	18.98	18.94		
20	256QAM	1	99	18.74	18.88	18.91		
20	256QAM	50	0	18.69	18.79	18.83	19.8	5
20	256QAM	50	24	18.80	18.84	18.86		
20	256QAM	50	50	18.77	18.83	18.82		
20	256QAM	100	0	18.76	18.87	18.82		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.43	23.43	23.56	24.8	0
15	QPSK	1	37	23.38	23.51	23.51		
15	QPSK	1	74	23.22	23.60	23.32		
15	QPSK	36	0	22.39	22.56	22.44	23.8	1
15	QPSK	36	20	22.39	22.60	22.33		
15	QPSK	36	39	22.48	22.62	22.42		
15	QPSK	75	0	22.41	22.61	22.54		
15	16QAM	1	0	22.85	22.52	22.54	23.8	1
15	16QAM	1	37	22.95	22.45	22.71		
15	16QAM	1	74	22.45	22.71	22.56		
15	16QAM	36	0	21.40	21.48	21.40	22.8	2
15	16QAM	36	20	21.56	21.70	21.44		
15	16QAM	36	39	21.50	21.54	21.51		
15	16QAM	75	0	21.41	21.60	21.43		
15	64QAM	1	0	21.47	21.60	21.34	22.8	2
15	64QAM	1	37	21.24	21.49	21.49		
15	64QAM	1	74	21.33	21.41	21.26		
15	64QAM	36	0	20.34	20.50	20.45	21.8	3
15	64QAM	36	20	20.49	20.70	20.50		
15	64QAM	36	39	20.48	20.54	20.50		
15	64QAM	75	0	20.46	20.57	20.44		
15	256QAM	1	0	18.76	18.93	18.94	19.8	5
15	256QAM	1	37	18.73	18.97	18.96		
15	256QAM	1	74	18.74	18.86	18.92		
15	256QAM	36	0	18.73	18.79	18.82	19.8	5
15	256QAM	36	20	18.78	18.86	18.84		
15	256QAM	36	39	18.79	18.79	18.82		
15	256QAM	75	0	18.73	18.89	18.86		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.48	23.50	23.47	24.8	0
10	QPSK	1	25	23.44	23.57	23.50		
10	QPSK	1	49	23.50	23.42	23.48		
10	QPSK	25	0	22.52	22.64	22.54	23.8	1
10	QPSK	25	12	22.54	22.75	22.57		
10	QPSK	25	25	22.51	22.68	22.57		
10	QPSK	50	0	22.61	22.74	22.52		
10	16QAM	1	0	22.90	22.88	22.92	23.8	1
10	16QAM	1	25	22.76	22.95	22.95		
10	16QAM	1	49	22.66	23.17	22.83		
10	16QAM	25	0	21.58	21.82	21.66	22.8	2
10	16QAM	25	12	21.66	21.73	21.61		
10	16QAM	25	25	21.50	21.75	21.59		
10	16QAM	50	0	21.56	21.67	21.67		
10	64QAM	1	0	21.97	21.85	21.55	22.8	2
10	64QAM	1	25	21.48	21.93	21.79		
10	64QAM	1	49	21.37	22.06	21.61		
10	64QAM	25	0	20.50	20.61	20.56	21.8	3
10	64QAM	25	12	20.57	20.69	20.58		
10	64QAM	25	25	20.61	20.67	20.56		
10	64QAM	50	0	20.52	20.71	20.69		
10	256QAM	1	0	18.78	18.91	18.88	19.8	5
10	256QAM	1	25	18.80	18.94	18.90		
10	256QAM	1	49	18.76	18.91	18.88		
10	256QAM	25	0	18.65	18.78	18.82	19.8	5
10	256QAM	25	12	18.76	18.80	18.89		
10	256QAM	25	25	18.76	18.85	18.84		
10	256QAM	50	0	18.80	18.88	18.86		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.56	23.62	23.45	24.8	0
5	QPSK	1	12	23.55	23.51	23.52		
5	QPSK	1	24	23.48	23.52	23.49		
5	QPSK	12	0	22.52	22.66	22.50	23.8	1
5	QPSK	12	7	22.63	22.72	22.54		
5	QPSK	12	13	22.59	22.63	22.51		
5	QPSK	25	0	22.48	22.61	22.53		
5	16QAM	1	0	22.68	22.82	22.65	23.8	1
5	16QAM	1	12	23.00	23.01	22.98		
5	16QAM	1	24	22.71	23.11	22.52		
5	16QAM	12	0	21.68	21.71	21.56	22.8	2
5	16QAM	12	7	21.61	21.75	21.57		
5	16QAM	12	13	21.53	21.62	21.57		
5	16QAM	25	0	21.64	21.66	21.56		
5	64QAM	1	0	21.64	21.57	21.87	22.8	2
5	64QAM	1	12	21.98	21.92	21.78		
5	64QAM	1	24	22.00	21.64	21.60		
5	64QAM	12	0	20.64	20.84	20.35	21.8	3
5	64QAM	12	7	20.50	20.74	20.59		
5	64QAM	12	13	20.53	20.73	20.52		
5	64QAM	25	0	20.52	20.65	20.54		
5	256QAM	1	0	18.79	18.86	18.88	19.8	5
5	256QAM	1	12	18.73	19.02	18.91		
5	256QAM	1	24	18.73	18.89	18.89		
5	256QAM	12	0	18.73	18.79	18.81	19.8	5
5	256QAM	12	7	18.77	18.81	18.83		
5	256QAM	12	13	18.77	18.80	18.81		
5	256QAM	25	0	18.78	18.88	18.80		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.34	23.63	23.44	24.8	0
3	QPSK	1	8	23.48	23.59	23.58		
3	QPSK	1	14	23.42	23.55	23.40		
3	QPSK	8	0	22.48	22.66	22.58	23.8	1
3	QPSK	8	4	22.50	22.68	22.55		
3	QPSK	8	7	22.51	22.62	22.57		
3	QPSK	15	0	22.47	22.65	22.43		
3	16QAM	1	0	22.70	23.14	22.85	23.8	1
3	16QAM	1	8	22.83	23.06	22.95		
3	16QAM	1	14	22.90	22.90	22.71		
3	16QAM	8	0	21.69	21.70	21.68	22.8	2
3	16QAM	8	4	21.68	21.62	21.70		
3	16QAM	8	7	21.52	21.61	21.61		
3	16QAM	15	0	21.43	21.66	21.63		
3	64QAM	1	0	21.85	21.88	21.63	22.8	2
3	64QAM	1	8	21.59	21.65	21.49		
3	64QAM	1	14	21.34	21.86	21.68		
3	64QAM	8	0	20.46	20.72	20.58	21.8	3
3	64QAM	8	4	20.46	20.51	20.54		
3	64QAM	8	7	20.44	20.70	20.51		
3	64QAM	15	0	20.56	20.60	20.56		
3	256QAM	1	0	18.74	18.86	18.87	19.8	5
3	256QAM	1	8	18.72	19.01	18.97		
3	256QAM	1	14	18.73	18.84	18.88		
3	256QAM	8	0	18.65	18.81	18.83	19.8	5
3	256QAM	8	4	18.80	18.88	18.89		
3	256QAM	8	7	18.81	18.85	18.86		
3	256QAM	15	0	18.73	18.86	18.85		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.48	23.62	23.52	24.8	0
1.4	QPSK	1	3	23.57	23.61	23.63		
1.4	QPSK	1	5	23.44	23.57	23.36		
1.4	QPSK	3	0	23.52	23.54	23.38		
1.4	QPSK	3	1	23.50	23.57	23.59		
1.4	QPSK	3	3	23.35	23.57	23.60		
1.4	QPSK	6	0	22.43	22.64	22.45	23.8	1
1.4	16QAM	1	0	22.82	23.11	22.45	23.8	1
1.4	16QAM	1	3	22.80	23.09	22.48		
1.4	16QAM	1	5	22.69	22.66	22.86		
1.4	16QAM	3	0	22.58	22.81	22.68		
1.4	16QAM	3	1	22.57	22.71	22.58		
1.4	16QAM	3	3	22.73	22.71	22.66		
1.4	16QAM	6	0	21.67	21.78	21.58	22.8	2
1.4	64QAM	1	0	21.73	21.75	21.72	22.8	2
1.4	64QAM	1	3	21.72	21.55	21.67		
1.4	64QAM	1	5	21.75	21.89	21.73		
1.4	64QAM	3	0	21.78	22.17	21.86		
1.4	64QAM	3	1	21.76	21.93	21.51		
1.4	64QAM	3	3	21.70	21.77	21.63		
1.4	64QAM	6	0	20.35	20.70	20.46	21.8	3
1.4	256QAM	1	0	18.74	18.93	18.92	19.8	5
1.4	256QAM	1	3	18.78	18.96	18.95		
1.4	256QAM	1	5	18.77	18.90	18.87		
1.4	256QAM	3	0	18.69	18.82	18.81		
1.4	256QAM	3	1	18.82	18.88	18.89		
1.4	256QAM	3	3	18.79	18.86	18.79		
1.4	256QAM	6	0	18.73	18.90	18.78	19.8	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.65	23.85	23.62	24.8	0
15	QPSK	1	37	23.63	23.66	23.61		
15	QPSK	1	74	23.60	23.59	23.52		
15	QPSK	36	0	22.73	22.74	22.71	23.8	1
15	QPSK	36	20	22.71	22.71	22.61		
15	QPSK	36	39	22.72	22.70	22.70		
15	QPSK	75	0	22.70	22.72	22.71		
15	16QAM	1	0	22.90	22.93	22.96	23.8	1
15	16QAM	1	37	22.94	22.95	22.91		
15	16QAM	1	74	22.85	23.02	22.85		
15	16QAM	36	0	21.73	21.72	21.68	22.8	2
15	16QAM	36	20	21.79	21.80	21.66		
15	16QAM	36	39	21.77	21.77	21.72		
15	16QAM	75	0	21.78	21.79	21.75		
15	64QAM	1	0	21.86	21.86	21.79	22.8	2
15	64QAM	1	37	21.97	21.89	21.80		
15	64QAM	1	74	21.92	21.81	21.87		
15	64QAM	36	0	20.70	20.71	20.68	21.8	3
15	64QAM	36	20	20.79	20.76	20.71		
15	64QAM	36	39	20.77	20.75	20.73		
15	64QAM	75	0	20.77	20.80	20.71		
15	256QAM	1	0	19.03	19.04	19.06	19.8	5
15	256QAM	1	37	19.12	19.09	19.06		
15	256QAM	1	74	19.00	19.02	19.01		
15	256QAM	36	0	18.95	18.94	18.98	19.8	5
15	256QAM	36	20	18.96	18.97	19.00		
15	256QAM	36	39	18.97	18.99	19.01		
15	256QAM	75	0	19.02	19.02	18.98		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.72	23.58	23.71	24.8	0
10	QPSK	1	25	23.65	23.69	23.73		
10	QPSK	1	49	23.57	23.66	23.53		
10	QPSK	25	0	22.80	22.67	22.72	23.8	1
10	QPSK	25	12	22.89	22.61	22.70		
10	QPSK	25	25	22.79	22.78	22.78		
10	QPSK	50	0	22.82	22.78	22.82		
10	16QAM	1	0	23.23	22.67	23.15	23.8	1
10	16QAM	1	25	23.40	23.33	23.38		
10	16QAM	1	49	23.30	22.74	22.81		
10	16QAM	25	0	21.76	21.71	21.80	22.8	2
10	16QAM	25	12	21.81	21.72	21.77		
10	16QAM	25	25	21.86	21.79	21.93		
10	16QAM	50	0	21.78	21.77	21.70		
10	64QAM	1	0	22.03	22.17	22.04	22.8	2
10	64QAM	1	25	21.86	21.77	21.72		
10	64QAM	1	49	21.86	21.78	21.75		
10	64QAM	25	0	20.87	20.69	20.77	21.8	3
10	64QAM	25	12	20.91	20.78	20.74		
10	64QAM	25	25	20.75	20.70	20.74		
10	64QAM	50	0	20.91	20.74	20.88		
10	256QAM	1	0	19.00	19.10	19.04	19.8	5
10	256QAM	1	25	19.14	19.08	19.09		
10	256QAM	1	49	18.98	19.01	18.98		
10	256QAM	25	0	18.97	18.98	18.93	19.8	5
10	256QAM	25	12	18.93	18.99	19.00		
10	256QAM	25	25	18.98	19.00	19.02		
10	256QAM	50	0	19.02	19.00	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.71	23.70	23.74	24.8	0
5	QPSK	1	12	23.69	23.74	23.63		
5	QPSK	1	24	23.73	23.64	23.61		
5	QPSK	12	0	22.75	22.66	22.74	23.8	1
5	QPSK	12	7	22.82	22.65	22.77		
5	QPSK	12	13	22.84	22.79	22.77		
5	QPSK	25	0	22.80	22.75	22.73		
5	16QAM	1	0	23.07	23.29	23.10	23.8	1
5	16QAM	1	12	23.13	23.07	23.23		
5	16QAM	1	24	23.08	22.82	23.05		
5	16QAM	12	0	21.86	21.73	21.81	22.8	2
5	16QAM	12	7	21.79	21.70	21.75		
5	16QAM	12	13	21.86	21.89	21.80		
5	16QAM	25	0	21.81	21.78	21.68		
5	64QAM	1	0	21.88	21.87	21.82	22.8	2
5	64QAM	1	12	21.50	22.15	21.82		
5	64QAM	1	24	21.65	21.88	21.81		
5	64QAM	12	0	20.81	20.73	20.89	21.8	3
5	64QAM	12	7	20.94	20.77	20.85		
5	64QAM	12	13	20.87	20.75	20.82		
5	64QAM	25	0	20.78	20.74	20.81		
5	256QAM	1	0	19.02	19.08	19.00	19.8	5
5	256QAM	1	12	19.15	19.06	19.10		
5	256QAM	1	24	19.00	19.03	19.04		
5	256QAM	12	0	18.95	19.01	18.97	19.8	5
5	256QAM	12	7	18.98	18.98	18.97		
5	256QAM	12	13	18.96	19.01	18.98		
5	256QAM	25	0	19.02	18.96	19.04		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.70	23.72	23.58	24.8	0
3	QPSK	1	8	23.72	23.71	23.72		
3	QPSK	1	14	23.57	23.63	23.69		
3	QPSK	8	0	22.85	22.66	22.76	23.8	1
3	QPSK	8	4	22.82	22.76	22.84		
3	QPSK	8	7	22.76	22.73	22.77		
3	QPSK	15	0	22.74	22.80	22.78		
3	16QAM	1	0	22.98	23.14	23.15	23.8	1
3	16QAM	1	8	23.23	23.21	22.43		
3	16QAM	1	14	23.01	23.17	23.24		
3	16QAM	8	0	21.87	21.69	21.83	22.8	2
3	16QAM	8	4	21.94	21.85	21.88		
3	16QAM	8	7	21.81	21.88	21.93		
3	16QAM	15	0	21.82	21.83	21.82		
3	64QAM	1	0	21.93	22.04	21.64	22.8	2
3	64QAM	1	8	22.11	22.30	21.88		
3	64QAM	1	14	22.10	21.97	22.01		
3	64QAM	8	0	20.84	20.76	20.82	21.8	3
3	64QAM	8	4	20.88	20.71	20.85		
3	64QAM	8	7	20.98	20.75	20.82		
3	64QAM	15	0	20.80	20.71	20.82		
3	256QAM	1	0	19.02	19.07	19.04	19.8	5
3	256QAM	1	8	19.10	19.10	19.07		
3	256QAM	1	14	18.98	19.02	19.02		
3	256QAM	8	0	18.97	19.00	18.96	19.8	5
3	256QAM	8	4	18.95	19.04	18.96		
3	256QAM	8	7	19.00	18.98	19.02		
3	256QAM	15	0	19.00	18.98	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.67	23.46	23.59	24.8	0
1.4	QPSK	1	3	23.72	23.70	23.74		
1.4	QPSK	1	5	23.67	23.60	23.74		
1.4	QPSK	3	0	23.73	23.69	23.74		
1.4	QPSK	3	1	23.74	23.56	23.73		
1.4	QPSK	3	3	23.68	23.70	23.72		
1.4	QPSK	6	0	22.83	22.65	22.78	23.8	1
1.4	16QAM	1	0	23.05	22.98	23.11	23.8	1
1.4	16QAM	1	3	23.20	23.08	23.35		
1.4	16QAM	1	5	23.29	22.82	23.12		
1.4	16QAM	3	0	22.91	22.69	22.96		
1.4	16QAM	3	1	22.81	22.64	22.88		
1.4	16QAM	3	3	22.88	22.66	22.78		
1.4	16QAM	6	0	21.96	21.66	21.83	22.8	2
1.4	64QAM	1	0	22.03	22.02	22.01	22.8	2
1.4	64QAM	1	3	22.12	22.07	21.92		
1.4	64QAM	1	5	21.73	21.50	22.07		
1.4	64QAM	3	0	21.99	21.61	22.14		
1.4	64QAM	3	1	21.76	21.87	21.85		
1.4	64QAM	3	3	21.77	22.10	21.98		
1.4	64QAM	6	0	20.80	20.79	20.90	21.8	3
1.4	256QAM	1	0	19.02	19.10	19.02	19.8	5
1.4	256QAM	1	3	19.15	19.10	19.05		
1.4	256QAM	1	5	19.01	18.98	18.98		
1.4	256QAM	3	0	18.98	19.00	18.96		
1.4	256QAM	3	1	18.95	19.01	18.99		
1.4	256QAM	3	3	18.93	18.98	19.00		
1.4	256QAM	6	0	19.02	18.96	19.01	19.8	5

Band 30_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.59		24.8	0
10	QPSK	1	25		23.47			
10	QPSK	1	49		23.46			
10	QPSK	25	0		22.50		23.8	1
10	QPSK	25	12		22.47			
10	QPSK	25	25		22.36			
10	QPSK	50	0		22.30			
10	16QAM	1	0		23.15		23.8	1
10	16QAM	1	25		23.04			
10	16QAM	1	49		22.89			
10	16QAM	25	0		21.47		22.8	2
10	16QAM	25	12		21.52			
10	16QAM	25	25		21.51			
10	16QAM	50	0		21.49			
10	64QAM	1	0		22.39		22.8	2
10	64QAM	1	25		21.87			
10	64QAM	1	49		21.99			
10	64QAM	25	0		20.49		21.8	3
10	64QAM	25	12		20.59			
10	64QAM	25	25		20.54			
10	64QAM	50	0		20.42			
10	256QAM	1	0		18.95		19.8	5
10	256QAM	1	25		19.10			
10	256QAM	1	49		18.82			
10	256QAM	25	0		18.93		19.8	5
10	256QAM	25	12		18.95			
10	256QAM	25	25		18.86			
10	256QAM	50	0		18.87			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.27	23.40	23.30	24.8	0
5	QPSK	1	12	23.41	23.58	23.43		
5	QPSK	1	24	23.40	23.30	23.35		
5	QPSK	12	0	22.25	22.30	22.43	23.8	1
5	QPSK	12	7	22.39	22.41	22.43		
5	QPSK	12	13	22.33	22.41	22.40		
5	QPSK	25	0	22.30	22.30	22.41		
5	16QAM	1	0	22.45	22.23	22.79	23.8	1
5	16QAM	1	12	22.37	22.49	23.04		
5	16QAM	1	24	22.55	22.72	22.58		
5	16QAM	12	0	21.44	21.38	21.51	22.8	2
5	16QAM	12	7	21.35	21.35	21.56		
5	16QAM	12	13	21.52	21.36	21.44		
5	16QAM	25	0	21.36	21.34	21.43		
5	64QAM	1	0	21.26	21.77	21.29	22.8	2
5	64QAM	1	12	21.75	21.68	21.34		
5	64QAM	1	24	21.70	21.33	21.49		
5	64QAM	12	0	20.35	20.37	20.49	21.8	3
5	64QAM	12	7	20.49	20.45	20.41		
5	64QAM	12	13	20.40	20.43	20.45		
5	64QAM	25	0	20.23	20.25	20.39		
5	256QAM	1	0	18.63	18.80	18.68	19.8	5
5	256QAM	1	12	18.71	18.96	18.88		
5	256QAM	1	24	18.51	18.63	18.60		
5	256QAM	12	0	18.62	18.76	18.68	19.8	5
5	256QAM	12	7	18.57	18.79	18.73		
5	256QAM	12	13	18.51	18.68	18.65		
5	256QAM	25	0	18.55	18.73	18.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.84	22.85	22.82	23.8	0
20	QPSK	1	49	22.83	22.74	22.77		
20	QPSK	1	99	22.78	22.79	22.79		
20	QPSK	50	0	22.20	22.21	22.13	22.8	1
20	QPSK	50	24	22.18	22.19	22.08		
20	QPSK	50	50	22.16	22.12	22.03		
20	QPSK	100	0	22.08	22.12	22.04		
20	16QAM	1	0	22.10	22.14	22.20	22.8	1
20	16QAM	1	49	22.29	22.28	22.24		
20	16QAM	1	99	22.25	22.19	22.14		
20	16QAM	50	0	21.17	21.12	21.15	21.8	2
20	16QAM	50	24	21.18	21.15	21.13		
20	16QAM	50	50	21.10	21.11	21.17		
20	16QAM	100	0	21.05	21.08	21.10		
20	64QAM	1	0	21.17	21.17	21.20	21.8	2
20	64QAM	1	49	21.19	21.22	21.26		
20	64QAM	1	99	21.22	21.18	21.19		
20	64QAM	50	0	20.09	20.05	20.09	20.8	3
20	64QAM	50	24	20.07	20.08	20.07		
20	64QAM	50	50	20.12	20.06	20.00		
20	64QAM	100	0	20.14	20.09	20.10		
20	256QAM	1	0	18.34	18.34	18.30	18.8	5
20	256QAM	1	49	18.49	18.45	18.51		
20	256QAM	1	99	18.29	18.29	18.27		
20	256QAM	50	0	18.18	18.14	18.12	18.8	5
20	256QAM	50	24	18.17	18.15	18.20		
20	256QAM	50	50	18.09	18.10	18.05		
20	256QAM	100	0	18.10	18.14	18.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.65	22.82	22.65	23.8	0
15	QPSK	1	37	22.72	22.63	22.67		
15	QPSK	1	74	22.74	22.67	22.70		
15	QPSK	36	0	22.00	22.12	22.04	22.8	1
15	QPSK	36	20	22.14	22.08	22.08		
15	QPSK	36	39	22.13	22.02	21.99		
15	QPSK	75	0	22.01	21.99	22.00		
15	16QAM	1	0	21.99	22.11	22.12	22.8	1
15	16QAM	1	37	22.18	22.23	22.13		
15	16QAM	1	74	22.15	22.16	22.03		
15	16QAM	36	0	21.10	21.04	21.12	21.8	2
15	16QAM	36	20	21.14	21.04	21.04		
15	16QAM	36	39	21.01	21.08	21.07		
15	16QAM	75	0	20.96	20.99	20.97		
15	64QAM	1	0	21.10	21.05	21.12	21.8	2
15	64QAM	1	37	21.07	21.10	21.15		
15	64QAM	1	74	21.12	21.06	21.12		
15	64QAM	36	0	20.01	19.98	19.99	20.8	3
15	64QAM	36	20	19.98	19.95	19.94		
15	64QAM	36	39	20.00	19.94	19.96		
15	64QAM	75	0	20.04	19.98	20.07		
15	256QAM	1	0	18.23	18.25	18.20	18.8	5
15	256QAM	1	37	18.45	18.39	18.42		
15	256QAM	1	74	18.26	18.24	18.23		
15	256QAM	36	0	18.11	18.02	18.06	18.8	5
15	256QAM	36	20	18.09	18.02	18.07		
15	256QAM	36	39	17.99	17.99	17.94		
15	256QAM	75	0	18.05	18.10	18.06		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.67	22.78	22.62	23.8	0
10	QPSK	1	25	22.74	22.62	22.71		
10	QPSK	1	49	22.75	22.71	22.75		
10	QPSK	25	0	22.03	22.13	22.01	22.8	1
10	QPSK	25	12	22.06	22.10	22.11		
10	QPSK	25	25	22.04	22.06	21.98		
10	QPSK	50	0	21.99	22.09	22.00		
10	16QAM	1	0	22.01	22.03	22.15	22.8	1
10	16QAM	1	25	22.23	22.21	22.11		
10	16QAM	1	49	22.12	22.08	22.03		
10	16QAM	25	0	21.07	21.07	21.07	21.8	2
10	16QAM	25	12	21.15	21.11	21.04		
10	16QAM	25	25	20.99	21.05	21.05		
10	16QAM	50	0	20.93	20.99	21.05		
10	64QAM	1	0	21.11	21.14	21.17	21.8	2
10	64QAM	1	25	21.14	21.16	21.22		
10	64QAM	1	49	21.09	21.09	21.16		
10	64QAM	25	0	19.99	19.99	19.98	20.8	3
10	64QAM	25	12	19.97	19.96	20.03		
10	64QAM	25	25	20.02	19.96	19.93		
10	64QAM	50	0	20.01	19.99	20.06		
10	256QAM	1	0	18.28	18.30	18.20	18.8	5
10	256QAM	1	25	18.39	18.40	18.44		
10	256QAM	1	49	18.20	18.16	18.21		
10	256QAM	25	0	18.08	18.06	18.02	18.8	5
10	256QAM	25	12	18.12	18.06	18.15		
10	256QAM	25	25	18.03	18.00	17.92		
10	256QAM	50	0	18.00	18.04	18.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.64	22.79	22.70	23.8	0
5	QPSK	1	12	22.75	22.67	22.74		
5	QPSK	1	24	22.72	22.69	22.68		
5	QPSK	12	0	22.09	22.18	22.05	22.8	1
5	QPSK	12	7	22.14	22.09	22.10		
5	QPSK	12	13	22.04	22.00	21.94		
5	QPSK	25	0	21.99	22.08	21.91		
5	16QAM	1	0	21.97	22.04	22.11	22.8	1
5	16QAM	1	12	22.17	22.22	22.15		
5	16QAM	1	24	22.15	22.16	22.11		
5	16QAM	12	0	21.10	21.03	21.02	21.8	2
5	16QAM	12	7	21.11	21.07	21.06		
5	16QAM	12	13	21.05	21.02	21.07		
5	16QAM	25	0	21.02	21.05	21.00		
5	64QAM	1	0	21.09	21.07	21.13	21.8	2
5	64QAM	1	12	21.14	21.12	21.15		
5	64QAM	1	24	21.15	21.13	21.16		
5	64QAM	12	0	20.03	19.93	20.05	20.8	3
5	64QAM	12	7	19.94	20.02	20.04		
5	64QAM	12	13	20.05	20.02	19.94		
5	64QAM	25	0	20.10	19.99	20.06		
5	256QAM	1	0	18.31	18.21	18.20	18.8	5
5	256QAM	1	12	18.36	18.35	18.44		
5	256QAM	1	24	18.17	18.20	18.16		
5	256QAM	12	0	18.12	18.05	18.02	18.8	5
5	256QAM	12	7	18.10	18.10	18.14		
5	256QAM	12	13	17.96	17.97	17.92		
5	256QAM	25	0	17.99	18.11	18.02		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.71	22.78	22.67	23.8	0
3	QPSK	1	8	22.73	22.71	22.64		
3	QPSK	1	14	22.73	22.76	22.76		
3	QPSK	8	0	22.03	22.13	22.02	22.8	1
3	QPSK	8	4	22.13	22.08	22.11		
3	QPSK	8	7	22.05	22.02	21.94		
3	QPSK	15	0	21.96	22.03	22.01		
3	16QAM	1	0	22.06	22.02	22.09	22.8	1
3	16QAM	1	8	22.23	22.22	22.20		
3	16QAM	1	14	22.19	22.15	22.08		
3	16QAM	8	0	21.14	21.06	21.04	21.8	2
3	16QAM	8	4	21.15	21.10	21.05		
3	16QAM	8	7	21.04	20.99	21.05		
3	16QAM	15	0	20.96	21.03	21.06		
3	64QAM	1	0	21.12	21.08	21.12	21.8	2
3	64QAM	1	8	21.06	21.10	21.20		
3	64QAM	1	14	21.10	21.15	21.15		
3	64QAM	8	0	19.96	19.99	20.02	20.8	3
3	64QAM	8	4	20.00	20.04	19.98		
3	64QAM	8	7	20.00	19.96	19.97		
3	64QAM	15	0	20.05	20.06	20.06		
3	256QAM	1	0	18.29	18.28	18.21	18.8	5
3	256QAM	1	8	18.42	18.33	18.43		
3	256QAM	1	14	18.23	18.23	18.22		
3	256QAM	8	0	18.12	18.04	17.99	18.8	5
3	256QAM	8	4	18.04	18.12	18.08		
3	256QAM	8	7	18.01	18.00	18.01		
3	256QAM	15	0	18.05	18.09	18.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.61	22.80	22.64	23.8	0
1.4	QPSK	1	3	22.76	22.63	22.64		
1.4	QPSK	1	5	22.68	22.73	22.71		
1.4	QPSK	3	0	22.65	22.75	22.75		
1.4	QPSK	3	1	22.65	22.70	22.71		
1.4	QPSK	3	3	22.73	22.70	22.66		
1.4	QPSK	6	0	21.95	21.99	22.00	22.8	1
1.4	16QAM	1	0	21.99	22.06	22.08	22.8	1
1.4	16QAM	1	3	22.22	22.15	22.12		
1.4	16QAM	1	5	22.19	22.14	22.07		
1.4	16QAM	3	0	22.11	22.07	22.17		
1.4	16QAM	3	1	22.14	22.07	22.06		
1.4	16QAM	3	3	22.13	22.12	22.08		
1.4	16QAM	6	0	21.02	21.01	21.07	21.8	2
1.4	64QAM	1	0	21.12	21.08	21.15	21.8	2
1.4	64QAM	1	3	21.06	21.12	21.14		
1.4	64QAM	1	5	21.12	21.11	21.10		
1.4	64QAM	3	0	21.03	21.14	21.05		
1.4	64QAM	3	1	21.13	21.14	21.16		
1.4	64QAM	3	3	21.11	21.12	21.12		
1.4	64QAM	6	0	20.01	19.98	20.06	20.8	3
1.4	256QAM	1	0	18.31	18.21	18.24	18.8	5
1.4	256QAM	1	3	18.40	18.35	18.39		
1.4	256QAM	1	5	18.23	18.17	18.21		
1.4	256QAM	3	0	18.11	18.07	18.08		
1.4	256QAM	3	1	18.07	18.09	18.09		
1.4	256QAM	3	3	18.04	17.98	17.94		
1.4	256QAM	6	0	18.03	18.06	18.09	18.8	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.72	23.92	23.75	24.8	0
20	QPSK	1	49	23.71	23.87	23.47		
20	QPSK	1	99	23.65	23.83	23.66		
20	QPSK	50	0	22.84	22.89	22.74	23.8	1
20	QPSK	50	24	22.81	22.83	22.65		
20	QPSK	50	50	22.80	22.88	22.64		
20	QPSK	100	0	22.77	22.90	22.68		
20	16QAM	1	0	22.91	23.33	23.36	23.8	1
20	16QAM	1	49	23.07	23.28	22.99		
20	16QAM	1	99	22.80	23.07	23.15		
20	16QAM	50	0	21.81	21.96	21.75	22.8	2
20	16QAM	50	24	21.74	21.86	21.67		
20	16QAM	50	50	21.81	21.97	21.75		
20	16QAM	100	0	21.88	21.95	21.70		
20	64QAM	1	0	22.00	22.15	21.89	22.8	2
20	64QAM	1	49	22.18	22.15	22.14		
20	64QAM	1	99	21.72	21.76	21.45		
20	64QAM	50	0	20.71	20.89	20.65	21.8	3
20	64QAM	50	24	20.80	20.94	20.75		
20	64QAM	50	50	20.77	20.84	20.65		
20	64QAM	100	0	20.78	20.84	20.69		
20	256QAM	1	0	18.96	19.00	18.99	19.8	5
20	256QAM	1	49	19.04	19.11	19.00		
20	256QAM	1	99	19.12	19.14	18.95		
20	256QAM	50	0	18.87	18.96	18.83	19.8	5
20	256QAM	50	24	18.94	19.00	18.90		
20	256QAM	50	50	18.98	19.01	18.86		
20	256QAM	100	0	18.94	18.93	18.86		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.62	23.55	23.65	24.8	0
15	QPSK	1	37	23.51	23.86	23.46		
15	QPSK	1	74	23.41	23.75	23.41		
15	QPSK	36	0	22.57	22.69	22.50	23.8	1
15	QPSK	36	20	22.59	22.74	22.47		
15	QPSK	36	39	22.57	22.75	22.43		
15	QPSK	75	0	22.62	22.69	22.42		
15	16QAM	1	0	22.77	23.04	22.98	23.8	1
15	16QAM	1	37	23.13	23.24	22.91		
15	16QAM	1	74	22.69	23.14	22.92		
15	16QAM	36	0	21.57	21.76	21.55	22.8	2
15	16QAM	36	20	21.68	21.78	21.55		
15	16QAM	36	39	21.63	21.78	21.52		
15	16QAM	75	0	21.68	21.71	21.54		
15	64QAM	1	0	21.83	22.05	21.78	22.8	2
15	64QAM	1	37	21.98	21.96	21.71		
15	64QAM	1	74	21.88	21.82	21.52		
15	64QAM	36	0	20.64	20.72	20.46	21.8	3
15	64QAM	36	20	20.64	20.72	20.60		
15	64QAM	36	39	20.69	20.71	20.57		
15	64QAM	75	0	20.62	20.77	20.44		
15	256QAM	1	0	18.97	19.00	19.00	19.8	5
15	256QAM	1	37	19.00	19.10	19.00		
15	256QAM	1	74	19.11	19.16	18.99		
15	256QAM	36	0	18.86	18.98	18.80	19.8	5
15	256QAM	36	20	18.98	19.04	18.93		
15	256QAM	36	39	19.00	19.03	18.90		
15	256QAM	75	0	18.91	18.90	18.89		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.64	23.88	23.71	24.8	0
10	QPSK	1	25	23.82	23.82	23.60		
10	QPSK	1	49	23.58	23.71	23.35		
10	QPSK	25	0	22.69	22.87	22.63	23.8	1
10	QPSK	25	12	22.73	22.88	22.64		
10	QPSK	25	25	22.66	22.81	22.59		
10	QPSK	50	0	22.72	22.71	22.62		
10	16QAM	1	0	22.61	23.24	23.02	23.8	1
10	16QAM	1	25	23.09	23.07	22.84		
10	16QAM	1	49	22.98	22.82	22.70		
10	16QAM	25	0	21.76	21.82	21.74	22.8	2
10	16QAM	25	12	21.87	21.85	21.71		
10	16QAM	25	25	21.76	21.72	21.58		
10	16QAM	50	0	21.79	21.91	21.61		
10	64QAM	1	0	21.65	22.10	21.56	22.8	2
10	64QAM	1	25	21.44	22.09	21.72		
10	64QAM	1	49	21.73	22.04	21.81		
10	64QAM	25	0	20.53	20.88	20.67	21.8	3
10	64QAM	25	12	20.77	20.94	20.67		
10	64QAM	25	25	20.62	21.01	20.59		
10	64QAM	50	0	20.81	20.88	20.53		
10	256QAM	1	0	18.98	18.98	18.99	19.8	5
10	256QAM	1	25	19.03	19.09	19.00		
10	256QAM	1	49	19.13	19.12	18.97		
10	256QAM	25	0	18.87	18.97	18.83	19.8	5
10	256QAM	25	12	18.98	18.99	18.86		
10	256QAM	25	25	19.00	18.99	18.85		
10	256QAM	50	0	18.90	18.89	18.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.47	23.77	23.61	24.8	0
5	QPSK	1	12	23.52	23.84	23.41		
5	QPSK	1	24	23.72	23.79	23.40		
5	QPSK	12	0	22.68	22.78	22.50	23.8	1
5	QPSK	12	7	22.67	22.78	22.60		
5	QPSK	12	13	22.74	22.92	22.56		
5	QPSK	25	0	22.74	22.75	22.49		
5	16QAM	1	0	22.77	23.21	23.20	23.8	1
5	16QAM	1	12	23.25	23.10	22.75		
5	16QAM	1	24	23.16	23.18	22.57		
5	16QAM	12	0	21.80	21.97	21.61	22.8	2
5	16QAM	12	7	21.77	21.97	21.48		
5	16QAM	12	13	21.69	21.86	21.46		
5	16QAM	25	0	21.75	21.88	21.46		
5	64QAM	1	0	21.89	22.09	21.45	22.8	2
5	64QAM	1	12	22.16	22.16	22.05		
5	64QAM	1	24	21.95	21.92	22.06		
5	64QAM	12	0	20.79	20.94	20.65	21.8	3
5	64QAM	12	7	20.75	20.91	20.59		
5	64QAM	12	13	20.71	21.03	20.65		
5	64QAM	25	0	20.70	20.77	20.64		
5	256QAM	1	0	18.99	18.96	18.95	19.8	5
5	256QAM	1	12	19.01	19.14	18.96		
5	256QAM	1	24	19.08	19.16	18.93		
5	256QAM	12	0	18.85	18.99	18.79	19.8	5
5	256QAM	12	7	18.97	18.97	18.87		
5	256QAM	12	13	18.94	19.04	18.85		
5	256QAM	25	0	18.95	18.92	18.82		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.64	23.78	23.39	24.8	0
3	QPSK	1	8	23.73	23.77	23.43		
3	QPSK	1	14	23.63	23.65	23.26		
3	QPSK	8	0	22.74	22.82	22.57	23.8	1
3	QPSK	8	4	22.75	22.85	22.56		
3	QPSK	8	7	22.61	22.84	22.54		
3	QPSK	15	0	22.64	22.80	22.48		
3	16QAM	1	0	23.04	23.07	22.90	23.8	1
3	16QAM	1	8	22.63	23.09	22.55		
3	16QAM	1	14	22.95	22.87	22.46		
3	16QAM	8	0	21.77	22.11	21.69	22.8	2
3	16QAM	8	4	21.73	22.03	21.62		
3	16QAM	8	7	21.77	21.98	21.63		
3	16QAM	15	0	21.70	21.80	21.63		
3	64QAM	1	0	21.81	22.16	21.84	22.8	2
3	64QAM	1	8	21.71	22.09	21.87		
3	64QAM	1	14	21.67	21.97	21.66		
3	64QAM	8	0	20.68	20.70	20.42	21.8	3
3	64QAM	8	4	20.69	20.75	20.58		
3	64QAM	8	7	20.67	20.81	20.58		
3	64QAM	15	0	20.77	20.79	20.56		
3	256QAM	1	0	18.94	18.97	19.01	19.8	5
3	256QAM	1	8	19.07	19.12	19.02		
3	256QAM	1	14	19.09	19.11	18.92		
3	256QAM	8	0	18.91	18.99	18.82	19.8	5
3	256QAM	8	4	18.93	18.99	18.88		
3	256QAM	8	7	18.98	19.03	18.83		
3	256QAM	15	0	18.96	18.97	18.90		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.63	23.85	23.57	24.8	0
1.4	QPSK	1	3	23.76	23.83	23.57		
1.4	QPSK	1	5	23.72	23.87	23.33		
1.4	QPSK	3	0	23.56	23.91	23.49		
1.4	QPSK	3	1	23.68	23.80	23.47		
1.4	QPSK	3	3	23.66	23.81	23.57		
1.4	QPSK	6	0	22.58	22.81	22.55	23.8	1
1.4	16QAM	1	0	22.74	23.44	22.72	23.8	1
1.4	16QAM	1	3	23.08	23.20	22.95		
1.4	16QAM	1	5	22.71	23.30	23.09		
1.4	16QAM	3	0	23.02	23.12	22.77		
1.4	16QAM	3	1	22.86	22.90	22.81		
1.4	16QAM	3	3	22.68	23.04	22.60		
1.4	16QAM	6	0	21.65	22.01	21.55	22.8	2
1.4	64QAM	1	0	21.76	22.07	21.51	22.8	2
1.4	64QAM	1	3	21.78	22.12	21.87		
1.4	64QAM	1	5	22.03	22.04	21.75		
1.4	64QAM	3	0	21.84	21.97	21.75		
1.4	64QAM	3	1	21.63	22.07	21.89		
1.4	64QAM	3	3	21.80	21.99	21.73		
1.4	64QAM	6	0	20.82	21.01	20.52	21.8	3
1.4	256QAM	1	0	18.97	19.02	19.02	19.8	5
1.4	256QAM	1	3	19.03	19.08	19.03		
1.4	256QAM	1	5	19.10	19.17	18.92		
1.4	256QAM	3	0	18.89	18.98	18.81		
1.4	256QAM	3	1	18.90	19.01	18.87		
1.4	256QAM	3	3	18.97	19.00	18.88		
1.4	256QAM	6	0	18.94	18.91	18.90	19.8	5

Band 71_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.00	24.15	24.10	24.8	0
20	QPSK	1	49	23.98	23.99	24.09		
20	QPSK	1	99	23.96	23.98	23.89		
20	QPSK	50	0	23.08	23.10	23.07	23.8	1
20	QPSK	50	24	23.08	22.94	23.00		
20	QPSK	50	50	23.08	22.90	23.04		
20	QPSK	100	0	23.02	23.07	23.00		
20	16QAM	1	0	23.15	23.41	23.36	23.8	1
20	16QAM	1	49	23.25	23.47	23.38		
20	16QAM	1	99	23.20	23.14	23.01		
20	16QAM	50	0	21.95	22.10	22.11	22.8	2
20	16QAM	50	24	22.12	22.04	22.08		
20	16QAM	50	50	22.07	21.98	22.03		
20	16QAM	100	0	22.09	22.10	21.96		
20	64QAM	1	0	22.20	22.26	22.25	22.8	2
20	64QAM	1	49	22.15	22.22	22.10		
20	64QAM	1	99	22.09	22.19	22.17		
20	64QAM	50	0	20.97	21.14	21.04	21.8	3
20	64QAM	50	24	21.05	21.02	21.02		
20	64QAM	50	50	21.08	21.00	20.88		
20	64QAM	100	0	21.06	21.13	20.94		
20	256QAM	1	0	18.99	19.11	19.07	19.8	5
20	256QAM	1	49	19.10	19.20	19.18		
20	256QAM	1	99	19.26	19.21	19.17		
20	256QAM	50	0	19.02	19.12	19.06	19.8	5
20	256QAM	50	24	19.09	19.05	19.06		
20	256QAM	50	50	19.08	19.07	19.05		
20	256QAM	100	0	19.11	19.14	19.10		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.98	23.99	24.01	24.8	0
15	QPSK	1	37	24.08	24.10	23.96		
15	QPSK	1	74	24.01	24.00	24.08		
15	QPSK	36	0	23.06	23.09	23.05	23.8	1
15	QPSK	36	20	23.08	23.02	23.01		
15	QPSK	36	39	23.01	23.06	22.98		
15	QPSK	75	0	23.09	23.03	23.00		
15	16QAM	1	0	23.30	23.24	23.28	23.8	1
15	16QAM	1	37	23.14	23.22	23.16		
15	16QAM	1	74	23.13	23.11	23.07		
15	16QAM	36	0	22.06	22.07	22.10	22.8	2
15	16QAM	36	20	22.13	22.10	22.05		
15	16QAM	36	39	22.06	22.07	22.01		
15	16QAM	75	0	22.10	22.04	22.03		
15	64QAM	1	0	22.14	22.25	22.11	22.8	2
15	64QAM	1	37	22.16	22.22	22.15		
15	64QAM	1	74	22.08	22.17	22.09		
15	64QAM	36	0	21.01	21.05	21.07	21.8	3
15	64QAM	36	20	21.06	21.03	21.02		
15	64QAM	36	39	20.98	21.01	21.00		
15	64QAM	75	0	21.09	21.10	21.04		
15	256QAM	1	0	18.98	19.06	19.14	19.8	5
15	256QAM	1	37	19.11	19.16	19.20		
15	256QAM	1	74	19.25	19.21	19.19		
15	256QAM	36	0	19.00	19.07	19.08	19.8	5
15	256QAM	36	20	19.08	19.04	19.04		
15	256QAM	36	39	19.08	19.04	19.09		
15	256QAM	75	0	19.13	19.13	19.13		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	24.06	24.10	24.09	24.8	0
10	QPSK	1	25	24.11	24.10	24.11		
10	QPSK	1	49	24.13	24.11	24.03		
10	QPSK	25	0	23.11	23.13	23.07	23.8	1
10	QPSK	25	12	23.15	23.24	23.13		
10	QPSK	25	25	23.16	23.17	23.14		
10	QPSK	50	0	23.20	23.23	23.05		
10	16QAM	1	0	23.21	23.26	23.31	23.8	1
10	16QAM	1	25	23.33	23.34	23.31		
10	16QAM	1	49	23.25	23.18	23.11		
10	16QAM	25	0	22.20	22.16	22.15	22.8	2
10	16QAM	25	12	22.17	22.20	22.14		
10	16QAM	25	25	22.19	22.21	22.17		
10	16QAM	50	0	22.18	22.20	22.15		
10	64QAM	1	0	22.23	22.26	22.29	22.8	2
10	64QAM	1	25	22.32	22.33	22.25		
10	64QAM	1	49	22.28	22.22	22.24		
10	64QAM	25	0	21.19	21.17	21.13	21.8	3
10	64QAM	25	12	21.18	21.27	21.11		
10	64QAM	25	25	21.21	21.29	21.20		
10	64QAM	50	0	21.09	21.19	21.06		
10	256QAM	1	0	18.97	19.04	19.11	19.8	5
10	256QAM	1	25	19.10	19.22	19.16		
10	256QAM	1	49	19.28	19.20	19.19		
10	256QAM	25	0	19.05	19.07	19.10	19.8	5
10	256QAM	25	12	19.10	19.05	19.02		
10	256QAM	25	25	19.08	19.04	19.06		
10	256QAM	50	0	19.13	19.12	19.13		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.12	24.09	24.06	24.8	0
5	QPSK	1	12	24.07	24.10	24.08		
5	QPSK	1	24	24.11	24.07	24.05		
5	QPSK	12	0	23.10	23.11	23.08	23.8	1
5	QPSK	12	7	23.15	23.19	23.17		
5	QPSK	12	13	23.12	23.20	23.15		
5	QPSK	25	0	23.19	23.16	23.17		
5	16QAM	1	0	23.27	23.25	23.25	23.8	1
5	16QAM	1	12	23.33	23.27	23.26		
5	16QAM	1	24	23.26	23.29	23.14		
5	16QAM	12	0	22.13	22.18	22.11	22.8	2
5	16QAM	12	7	22.22	22.27	22.24		
5	16QAM	12	13	22.15	22.20	22.17		
5	16QAM	25	0	22.17	22.22	22.15		
5	64QAM	1	0	22.27	22.24	22.23	22.8	2
5	64QAM	1	12	22.20	22.32	22.28		
5	64QAM	1	24	22.18	22.19	22.18		
5	64QAM	12	0	21.17	21.13	21.14	21.8	3
5	64QAM	12	7	21.24	21.29	21.18		
5	64QAM	12	13	21.18	21.15	21.19		
5	64QAM	25	0	21.17	21.19	21.17		
5	256QAM	1	0	19.01	19.09	19.14	19.8	5
5	256QAM	1	12	19.13	19.21	19.17		
5	256QAM	1	24	19.22	19.20	19.24		
5	256QAM	12	0	18.99	19.08	19.12	19.8	5
5	256QAM	12	7	19.08	19.06	19.06		
5	256QAM	12	13	19.06	19.04	19.04		
5	256QAM	25	0	19.07	19.09	19.12		

Band 38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.77	23.52	23.55	24.3	0
20	QPSK	1	49	23.56	23.50	23.45		
20	QPSK	1	99	23.54	23.36	23.52		
20	QPSK	50	0	22.73	22.45	22.50	23.3	1
20	QPSK	50	24	22.70	22.36	22.46		
20	QPSK	50	50	22.71	22.43	22.48		
20	QPSK	100	0	22.57	22.33	22.38		
20	16QAM	1	0	22.66	22.22	22.52	23.3	1
20	16QAM	1	49	22.78	22.34	22.64		
20	16QAM	1	99	22.76	22.24	22.31		
20	16QAM	50	0	21.59	21.26	21.31	22.3	2
20	16QAM	50	24	21.72	21.49	21.55		
20	16QAM	50	50	21.68	21.53	21.52		
20	16QAM	100	0	21.60	21.39	21.48		
20	64QAM	1	0	21.45	21.20	21.43	22.3	2
20	64QAM	1	49	21.50	21.36	21.17		
20	64QAM	1	99	21.65	21.50	21.50		
20	64QAM	50	0	20.52	20.37	20.40	21.3	3
20	64QAM	50	24	20.61	20.45	20.44		
20	64QAM	50	50	20.65	20.41	20.51		
20	64QAM	100	0	20.61	20.27	20.37		
20	256QAM	1	0	18.58	18.57	18.56	19.3	5
20	256QAM	1	49	18.69	18.58	18.54		
20	256QAM	1	99	18.57	18.51	18.55		
20	256QAM	50	0	18.64	18.61	18.56	19.3	5
20	256QAM	50	24	18.73	18.60	18.57		
20	256QAM	50	50	18.63	18.62	18.60		
20	256QAM	100	0	18.67	18.55	18.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.51	23.21	23.35	24.3	0
15	QPSK	1	37	23.57	23.22	23.35		
15	QPSK	1	74	23.54	23.33	23.37		
15	QPSK	36	0	22.34	22.13	22.29	23.3	1
15	QPSK	36	20	22.61	22.32	22.45		
15	QPSK	36	39	22.50	22.31	22.40		
15	QPSK	75	0	22.50	22.23	22.37		
15	16QAM	1	0	22.67	22.41	22.46	23.3	1
15	16QAM	1	37	22.54	22.30	22.47		
15	16QAM	1	74	22.89	22.52	22.09		
15	16QAM	36	0	21.37	21.20	21.31	22.3	2
15	16QAM	36	20	21.59	21.21	21.25		
15	16QAM	36	39	21.51	21.27	21.34		
15	16QAM	75	0	21.64	21.17	21.37		
15	64QAM	1	0	21.68	21.40	21.28	22.3	2
15	64QAM	1	37	21.60	21.15	21.57		
15	64QAM	1	74	21.33	21.26	21.22		
15	64QAM	36	0	20.41	20.26	20.34	21.3	3
15	64QAM	36	20	20.63	20.28	20.43		
15	64QAM	36	39	20.55	20.29	20.44		
15	64QAM	75	0	20.61	20.23	20.38		
15	256QAM	1	0	18.53	18.53	18.51	19.3	5
15	256QAM	1	37	18.52	18.54	18.52		
15	256QAM	1	74	18.52	18.54	18.53		
15	256QAM	36	0	18.51	18.53	18.49	19.3	5
15	256QAM	36	20	18.55	18.56	18.57		
15	256QAM	36	39	18.57	18.57	18.55		
15	256QAM	75	0	18.51	18.53	18.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.56	23.40	23.50	24.3	0
10	QPSK	1	25	23.68	23.43	23.52		
10	QPSK	1	49	23.67	23.44	23.50		
10	QPSK	25	0	22.68	22.37	22.43	23.3	1
10	QPSK	25	12	22.71	22.34	22.49		
10	QPSK	25	25	22.63	22.42	22.51		
10	QPSK	50	0	22.65	22.32	22.52		
10	16QAM	1	0	22.77	22.16	22.58	23.3	1
10	16QAM	1	25	22.74	22.69	22.79		
10	16QAM	1	49	22.62	22.39	22.71		
10	16QAM	25	0	21.70	21.49	21.41	22.3	2
10	16QAM	25	12	21.65	21.49	21.67		
10	16QAM	25	25	21.69	21.46	21.66		
10	16QAM	50	0	21.67	21.43	21.62		
10	64QAM	1	0	21.78	21.43	21.23	22.3	2
10	64QAM	1	25	21.61	21.39	21.66		
10	64QAM	1	49	21.47	21.43	21.09		
10	64QAM	25	0	20.65	20.44	20.39	21.3	3
10	64QAM	25	12	20.71	20.43	20.40		
10	64QAM	25	25	20.61	20.49	20.49		
10	64QAM	50	0	20.67	20.45	20.57		
10	256QAM	1	0	18.71	18.67	18.63	19.3	5
10	256QAM	1	25	18.76	18.71	18.66		
10	256QAM	1	49	18.68	18.68	18.73		
10	256QAM	25	0	18.73	18.69	18.73	19.3	5
10	256QAM	25	12	18.68	18.63	18.61		
10	256QAM	25	25	18.67	18.67	18.70		
10	256QAM	50	0	18.71	18.66	18.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.61	23.51	23.48	24.3	0
5	QPSK	1	12	23.70	23.33	23.73		
5	QPSK	1	24	23.74	23.54	23.38		
5	QPSK	12	0	22.63	22.38	22.45	23.3	1
5	QPSK	12	7	22.76	22.42	22.50		
5	QPSK	12	13	22.73	22.43	22.53		
5	QPSK	25	0	22.69	22.35	22.47		
5	16QAM	1	0	22.69	22.04	22.45	23.3	1
5	16QAM	1	12	22.94	22.37	22.65		
5	16QAM	1	24	22.11	22.55	22.29		
5	16QAM	12	0	21.63	21.43	21.56	22.3	2
5	16QAM	12	7	21.60	21.51	21.44		
5	16QAM	12	13	21.63	21.41	21.56		
5	16QAM	25	0	21.73	21.44	21.46		
5	64QAM	1	0	21.91	21.48	21.39	22.3	2
5	64QAM	1	12	21.86	21.98	21.46		
5	64QAM	1	24	21.33	21.35	21.76		
5	64QAM	12	0	20.60	20.29	20.44	21.3	3
5	64QAM	12	7	20.90	20.48	20.59		
5	64QAM	12	13	20.65	20.52	20.65		
5	64QAM	25	0	20.67	20.35	20.39		
5	256QAM	1	0	18.64	18.60	18.60	19.3	5
5	256QAM	1	12	18.71	18.66	18.62		
5	256QAM	1	24	18.64	18.62	18.57		
5	256QAM	12	0	18.65	18.67	18.63	19.3	5
5	256QAM	12	7	18.61	18.60	18.58		
5	256QAM	12	13	18.60	18.62	18.61		
5	256QAM	25	0	18.61	18.66	18.64		

Band 41_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.86	23.87	23.51	23.71	23.54	24.8	0
20	QPSK	1	49	23.26	23.80	23.29	23.70	23.36		
20	QPSK	1	99	23.30	23.56	23.43	23.34	23.35		
20	QPSK	50	0	22.78	22.79	22.50	22.56	22.48	23.8	1
20	QPSK	50	24	22.77	22.78	22.44	22.45	22.39		
20	QPSK	50	50	22.76	22.74	22.49	22.51	22.46		
20	QPSK	100	0	22.47	22.69	22.48	22.46	22.36		
20	16QAM	1	0	22.56	22.54	22.44	22.53	22.50	23.8	1
20	16QAM	1	49	22.26	22.66	22.17	22.15	22.21		
20	16QAM	1	99	22.36	22.52	22.55	22.39	22.37		
20	16QAM	50	0	21.36	21.80	21.47	21.50	21.44	22.8	2
20	16QAM	50	24	21.52	21.86	21.45	21.45	21.34		
20	16QAM	50	50	21.45	21.77	21.57	21.51	21.47		
20	16QAM	100	0	21.42	21.69	21.52	21.44	21.43		
20	64QAM	1	0	21.46	21.50	21.43	21.57	21.55	22.8	2
20	64QAM	1	49	21.31	21.58	21.51	21.49	21.50		
20	64QAM	1	99	21.43	21.48	21.60	21.65	21.28		
20	64QAM	50	0	20.57	20.40	20.68	20.64	20.69	21.8	3
20	64QAM	50	24	20.54	20.50	20.67	20.62	20.63		
20	64QAM	50	50	20.62	20.45	20.51	20.60	20.60		
20	64QAM	100	0	20.50	20.53	20.68	20.64	20.57		
20	256QAM	1	0	18.67	18.65	18.65	18.62	18.49	19.8	5
20	256QAM	1	49	18.61	18.64	18.61	18.57	18.40		
20	256QAM	1	99	18.55	18.56	18.59	18.56	18.33		
20	256QAM	50	0	18.65	18.79	18.70	18.62	18.46	19.8	5
20	256QAM	50	24	18.71	18.81	18.65	18.62	18.39		
20	256QAM	50	50	18.66	18.74	18.65	18.61	18.43		
20	256QAM	100	0	18.70	18.79	18.63	18.59	18.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.37	23.64	23.50	23.53	23.31	24.80	0
15	QPSK	1	37	23.28	23.70	23.55	23.31	23.33		
15	QPSK	1	74	23.20	23.59	23.31	23.24	23.09		
15	QPSK	36	0	22.41	22.77	22.47	22.36	22.31	23.8	1
15	QPSK	36	20	22.39	22.75	22.48	22.58	22.42		
15	QPSK	36	39	22.44	22.76	22.51	22.40	22.45		
15	QPSK	75	0	22.42	22.73	22.40	22.45	22.40		
15	16QAM	1	0	22.36	22.57	22.93	22.64	22.60	23.8	1
15	16QAM	1	37	22.30	22.53	22.54	22.59	22.49		
15	16QAM	1	74	22.32	22.73	22.76	22.40	22.39		
15	16QAM	36	0	21.47	21.75	21.45	21.37	21.39	22.8	2
15	16QAM	36	20	21.40	21.70	21.46	21.45	21.48		
15	16QAM	36	39	21.33	21.73	21.45	21.39	21.38		
15	16QAM	75	0	21.41	21.76	21.43	21.45	21.41		
15	64QAM	1	0	21.37	21.40	21.01	21.10	20.96	22.8	2
15	64QAM	1	37	21.35	21.48	21.38	21.42	21.47		
15	64QAM	1	74	21.38	21.54	21.53	21.13	21.33		
15	64QAM	36	0	20.43	20.75	20.47	20.35	20.33	21.8	3
15	64QAM	36	20	20.42	20.71	20.58	20.48	20.39		
15	64QAM	36	39	20.34	20.82	20.49	20.41	20.31		
15	64QAM	75	0	20.37	20.72	20.46	20.46	20.30		
15	256QAM	1	0	18.61	18.58	18.62	18.66	18.60	19.8	5
15	256QAM	1	37	18.58	18.53	18.56	18.62	18.62		
15	256QAM	1	74	18.62	18.59	18.56	18.60	18.51		
15	256QAM	36	0	18.61	18.61	18.63	18.59	18.63	19.8	5
15	256QAM	36	20	18.49	18.59	18.52	18.59	18.45		
15	256QAM	36	39	18.57	18.56	18.53	18.55	18.60		
15	256QAM	75	0	18.49	18.47	18.51	18.54	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.62	23.84	23.44	23.61	23.59	24.80	0
10	QPSK	1	25	23.53	23.80	23.66	23.50	23.48		
10	QPSK	1	49	23.37	23.80	23.79	23.71	23.42		
10	QPSK	25	0	22.49	22.85	22.46	22.40	22.49	23.8	1
10	QPSK	25	12	22.54	22.91	22.64	22.53	22.53		
10	QPSK	25	25	22.48	22.91	22.70	22.64	22.55		
10	QPSK	50	0	22.56	22.90	22.65	22.68	22.46		
10	16QAM	1	0	22.68	22.82	22.48	22.81	22.70	23.8	1
10	16QAM	1	25	22.72	22.84	22.54	22.44	22.55		
10	16QAM	1	49	22.64	22.95	22.53	22.31	22.86		
10	16QAM	25	0	21.50	21.85	21.58	21.45	21.37	22.8	2
10	16QAM	25	12	21.55	21.87	21.64	21.63	21.40		
10	16QAM	25	25	21.53	21.90	21.69	21.61	21.49		
10	16QAM	50	0	21.47	21.88	21.59	21.61	21.37		
10	64QAM	1	0	21.49	21.50	21.60	21.31	21.45	22.8	2
10	64QAM	1	25	21.23	21.35	21.23	21.84	21.70		
10	64QAM	1	49	21.33	21.40	21.70	21.27	21.40		
10	64QAM	25	0	20.52	20.77	20.53	20.54	20.49	21.8	3
10	64QAM	25	12	20.47	20.87	20.45	20.55	20.52		
10	64QAM	25	25	20.44	20.92	20.62	20.65	20.51		
10	64QAM	50	0	20.46	20.90	20.70	20.58	20.37		
10	256QAM	1	0	18.61	18.60	18.67	18.68	18.64	19.8	5
10	256QAM	1	25	18.70	18.70	18.66	18.59	18.72		
10	256QAM	1	49	18.66	18.64	18.65	18.71	18.62		
10	256QAM	25	0	18.69	18.67	18.65	18.66	18.63	19.8	5
10	256QAM	25	12	18.76	18.68	18.70	18.73	18.68		
10	256QAM	25	25	18.54	18.55	18.61	18.58	18.59		
10	256QAM	50	0	18.61	18.62	18.67	18.72	18.61		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.36	23.84	23.70	23.61	23.49	24.80	0
5	QPSK	1	12	23.46	23.76	23.78	23.53	23.55		
5	QPSK	1	24	23.49	23.70	23.70	23.68	23.39		
5	QPSK	12	0	22.50	22.70	22.49	22.45	22.37	23.8	1
5	QPSK	12	7	22.55	22.75	22.63	22.49	22.40		
5	QPSK	12	13	22.44	22.51	22.59	22.46	22.48		
5	QPSK	25	0	22.47	22.88	22.61	22.44	22.38		
5	16QAM	1	0	22.56	22.82	22.55	22.47	22.46	23.8	1
5	16QAM	1	12	22.43	22.92	22.80	22.80	22.57		
5	16QAM	1	24	22.36	23.03	22.40	22.65	22.47		
5	16QAM	12	0	21.45	21.76	21.42	21.46	21.40	22.8	2
5	16QAM	12	7	21.52	21.83	21.69	21.61	21.48		
5	16QAM	12	13	21.39	21.77	21.71	21.60	21.60		
5	16QAM	25	0	21.43	21.92	21.72	21.42	21.44		
5	64QAM	1	0	21.44	21.64	21.53	21.09	21.43	22.8	2
5	64QAM	1	12	21.24	21.65	21.52	21.55	21.47		
5	64QAM	1	24	21.84	21.66	21.43	21.53	21.36		
5	64QAM	12	0	20.49	20.82	20.55	20.56	20.39	21.8	3
5	64QAM	12	7	20.52	21.07	20.71	20.59	20.34		
5	64QAM	12	13	20.53	20.95	20.56	20.47	20.34		
5	64QAM	25	0	20.44	20.89	20.64	20.43	20.42		
5	256QAM	1	0	18.71	18.76	18.74	18.81	18.73	19.8	5
5	256QAM	1	12	18.63	18.60	18.62	18.65	18.59		
5	256QAM	1	24	18.65	18.74	18.71	18.70	18.73		
5	256QAM	12	0	18.56	18.62	18.63	18.56	18.63	19.8	5
5	256QAM	12	7	18.67	18.67	18.63	18.60	18.65		
5	256QAM	12	13	18.74	18.67	18.70	18.75	18.77		
5	256QAM	25	0	18.80	18.75	18.74	18.78	18.77		

Band 41-HPUE_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.07	25.55	25.49	24.90	25.50	26.8	0
20	QPSK	1	49	24.92	25.45	25.45	24.85	25.42		
20	QPSK	1	99	25.05	25.51	25.40	24.88	25.38		
20	QPSK	50	0	24.03	24.48	24.47	23.91	24.45	25.8	1
20	QPSK	50	24	23.90	24.41	24.46	23.86	24.43		
20	QPSK	50	50	24.01	24.43	24.45	23.90	24.42		
20	QPSK	100	0	24.00	24.45	24.42	23.96	24.40		
20	16QAM	1	0	23.98	23.95	24.81	24.19	24.77	25.8	1
20	16QAM	1	49	24.20	24.32	24.83	23.88	24.96		
20	16QAM	1	99	24.51	24.95	24.63	24.00	24.61		
20	16QAM	50	0	23.01	23.32	23.49	23.09	23.46	24.8	2
20	16QAM	50	24	23.24	23.53	23.53	23.10	23.45		
20	16QAM	50	50	23.27	23.70	23.61	22.98	23.48		
20	16QAM	100	0	23.00	23.38	23.49	22.97	23.42		
20	64QAM	1	0	23.41	23.34	23.69	23.39	23.69	24.8	2
20	64QAM	1	49	23.30	23.40	23.61	22.92	23.61		
20	64QAM	1	99	23.55	23.60	23.65	23.07	23.60		
20	64QAM	50	0	21.98	22.37	22.49	22.20	22.46	23.8	3
20	64QAM	50	24	22.24	22.53	22.51	22.24	22.44		
20	64QAM	50	50	22.28	22.69	22.59	22.09	22.48		
20	64QAM	100	0	22.09	22.41	22.48	22.06	22.44		
20	256QAM	1	0	20.53	20.35	20.85	20.80	20.67	21.8	5
20	256QAM	1	49	20.77	20.20	20.81	20.48	20.58		
20	256QAM	1	99	20.72	20.80	20.73	20.52	20.51		
20	256QAM	50	0	20.70	20.86	20.71	20.62	20.52	21.8	5
20	256QAM	50	24	20.74	20.82	20.65	20.61	20.45		
20	256QAM	50	50	20.68	20.76	20.66	20.67	20.47		
20	256QAM	100	0	20.71	20.81	20.65	20.61	20.45		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.00	25.50	25.43	24.83	25.33	26.80	0
15	QPSK	1	37	24.96	25.48	25.37	24.90	25.27		
15	QPSK	1	74	25.17	25.54	25.40	24.85	25.28		
15	QPSK	36	0	24.07	24.05	24.47	23.88	24.39	25.8	1
15	QPSK	36	20	23.83	24.18	24.44	23.89	24.45		
15	QPSK	36	39	23.98	24.31	24.51	23.95	24.42		
15	QPSK	75	0	23.88	23.96	24.46	23.96	24.45		
15	16QAM	1	0	24.20	24.78	24.77	23.87	24.65	25.8	1
15	16QAM	1	37	24.12	24.41	24.88	24.00	24.69		
15	16QAM	1	74	24.71	24.80	24.74	24.07	24.67		
15	16QAM	36	0	22.83	23.23	23.47	23.07	23.38	24.8	2
15	16QAM	36	20	23.00	23.35	23.47	23.03	23.47		
15	16QAM	36	39	23.17	23.59	23.55	22.98	23.43		
15	16QAM	75	0	22.87	23.30	23.47	22.94	23.44		
15	64QAM	1	0	22.90	23.50	23.67	23.07	23.55	24.8	2
15	64QAM	1	37	23.15	23.45	23.70	23.23	23.53		
15	64QAM	1	74	23.67	23.91	23.64	23.24	23.59		
15	64QAM	36	0	21.91	22.30	22.48	22.16	22.42	23.8	3
15	64QAM	36	20	22.13	22.45	22.56	22.09	22.44		
15	64QAM	36	39	22.27	22.64	22.53	22.03	22.44		
15	64QAM	75	0	21.95	22.39	22.47	22.02	22.46		
15	256QAM	1	0	20.82	20.80	20.82	20.77	20.82	21.8	5
15	256QAM	1	37	20.64	20.67	20.71	20.77	20.78		
15	256QAM	1	74	20.77	20.82	20.76	20.77	20.79		
15	256QAM	36	0	20.81	20.82	20.79	20.74	20.83	21.8	5
15	256QAM	36	20	20.70	20.73	20.74	20.69	20.68		
15	256QAM	36	39	20.73	20.70	20.73	20.75	20.69		
15	256QAM	75	0	20.69	20.67	20.74	20.69	20.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.05	25.33	25.52	24.90	25.37	26.80	0
10	QPSK	1	25	24.96	25.15	25.50	24.88	25.54		
10	QPSK	1	49	25.00	25.30	25.51	24.82	25.44		
10	QPSK	25	0	23.90	23.96	24.59	23.82	24.48	25.8	1
10	QPSK	25	12	23.96	24.13	24.60	23.87	24.51		
10	QPSK	25	25	23.92	24.20	24.68	23.85	24.54		
10	QPSK	50	0	23.90	23.80	24.64	23.90	24.48		
10	16QAM	1	0	23.84	24.05	24.91	23.94	24.89	25.8	1
10	16QAM	1	25	23.87	24.31	24.95	23.96	24.88		
10	16QAM	1	49	24.30	24.74	24.97	24.03	24.86		
10	16QAM	25	0	24.00	23.24	23.59	22.96	23.53	24.8	2
10	16QAM	25	12	22.86	23.33	23.64	23.09	23.52		
10	16QAM	25	25	22.91	23.39	23.64	22.97	23.57		
10	16QAM	50	0	22.85	23.18	23.67	22.85	23.51		
10	64QAM	1	0	22.97	23.23	23.86	23.12	23.75	24.8	2
10	64QAM	1	25	23.07	23.44	23.77	23.00	23.77		
10	64QAM	1	49	23.47	23.85	23.79	23.17	23.66		
10	64QAM	25	0	22.00	22.30	22.61	22.13	22.47	23.8	3
10	64QAM	25	12	21.85	22.36	22.62	22.06	22.51		
10	64QAM	25	25	21.97	22.47	22.69	22.02	22.58		
10	64QAM	50	0	22.07	22.26	22.67	21.94	22.52		
10	256QAM	1	0	20.96	20.82	20.89	20.84	20.88	21.8	5
10	256QAM	1	25	20.78	20.77	20.83	20.90	20.84		
10	256QAM	1	49	20.90	20.88	20.86	20.89	20.81		
10	256QAM	25	0	20.74	20.76	20.80	20.77	20.83	21.8	5
10	256QAM	25	12	20.89	20.86	20.84	20.87	20.79		
10	256QAM	25	25	20.83	20.85	20.86	20.80	20.79		
10	256QAM	50	0	20.84	20.92	20.86	20.89	20.85		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.80	25.03	25.50	24.90	25.40	26.80	0
5	QPSK	1	12	24.89	24.88	25.52	24.85	25.54		
5	QPSK	1	24	25.00	25.12	25.53	24.88	25.46		
5	QPSK	12	0	23.88	24.02	24.57	24.00	24.44	25.8	1
5	QPSK	12	7	24.02	24.10	24.69	23.96	24.47		
5	QPSK	12	13	23.96	24.14	24.64	23.92	24.52		
5	QPSK	25	0	23.83	23.98	24.55	23.90	24.41		
5	16QAM	1	0	23.99	24.03	24.80	24.01	24.74	25.8	1
5	16QAM	1	12	23.85	24.30	24.97	24.02	24.85		
5	16QAM	1	24	23.92	24.46	24.94	24.01	24.77		
5	16QAM	12	0	22.90	23.20	23.59	23.02	23.51	24.8	2
5	16QAM	12	7	23.03	23.19	23.76	22.90	23.52		
5	16QAM	12	13	23.08	23.33	23.74	22.98	23.52		
5	16QAM	25	0	22.93	23.21	23.55	22.93	23.45		
5	64QAM	1	0	22.81	23.15	23.79	23.02	23.65	24.8	2
5	64QAM	1	12	23.07	23.46	23.82	23.14	23.76		
5	64QAM	1	24	22.89	23.63	23.91	23.09	23.71		
5	64QAM	12	0	22.05	22.39	22.60	22.08	22.47	23.8	3
5	64QAM	12	7	22.09	22.44	22.71	21.99	22.46		
5	64QAM	12	13	22.09	22.44	22.76	22.05	22.60		
5	64QAM	25	0	21.92	22.25	22.58	22.03	22.45		
5	256QAM	1	0	20.95	21.00	20.93	20.89	20.94	21.8	5
5	256QAM	1	12	20.93	20.91	20.94	20.92	20.87		
5	256QAM	1	24	20.90	20.92	20.90	20.95	20.87		
5	256QAM	12	0	20.82	20.86	20.88	20.86	20.83	21.8	5
5	256QAM	12	7	20.80	20.78	20.82	20.81	20.86		
5	256QAM	12	13	20.88	20.84	20.85	20.86	20.92		
5	256QAM	25	0	20.75	20.74	20.80	20.75	20.77		

Band 48_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	24.25	24.36	24.35	24.21	24.8	0
20	QPSK	1	49	24.15	24.18	24.29	24.18		
20	QPSK	1	99	24.11	24.19	24.24	24.20		
20	QPSK	50	0	23.26	23.42	23.40	23.25	23.8	1
20	QPSK	50	24	23.21	23.32	23.36	23.21		
20	QPSK	50	50	23.25	23.25	23.27	23.20		
20	QPSK	100	0	23.28	23.39	23.38	23.31		
20	16QAM	1	0	23.19	23.14	23.26	23.22	23.8	1
20	16QAM	1	49	23.30	23.19	23.29	23.19		
20	16QAM	1	99	23.10	23.08	23.21	23.11		
20	16QAM	50	0	22.26	22.30	22.32	22.27	22.8	2
20	16QAM	50	24	22.25	22.35	22.36	22.30		
20	16QAM	50	50	22.20	22.26	22.31	22.23		
20	16QAM	100	0	22.29	22.31	22.33	22.28		
20	64QAM	1	0	22.25	22.33	22.24	22.20	22.8	2
20	64QAM	1	49	22.25	22.35	22.29	22.24		
20	64QAM	1	99	22.32	22.34	22.32	22.26		
20	64QAM	50	0	21.37	21.36	21.30	21.24	21.8	3
20	64QAM	50	24	21.36	21.38	21.29	21.30		
20	64QAM	50	50	21.34	21.34	21.28	21.25		
20	64QAM	100	0	21.37	21.35	21.35	21.33		
20	256QAM	1	0	19.31	19.31	19.26	19.17	19.8	5
20	256QAM	1	49	19.19	19.29	19.22	19.21		
20	256QAM	1	99	19.22	19.25	19.14	19.24		
20	256QAM	50	0	19.33	19.37	19.31	19.25	19.8	5
20	256QAM	50	24	19.34	19.40	19.32	19.29		
20	256QAM	50	50	19.27	19.33	19.22	19.27		
20	256QAM	100	0	19.31	19.38	19.32	19.30		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	24.06	24.09	24.02	23.91	24.8	0
15	QPSK	1	37	24.03	24.11	23.95	24.00		
15	QPSK	1	74	24.02	24.09	23.92	23.96		
15	QPSK	36	0	23.18	23.20	23.07	23.02	23.8	1
15	QPSK	36	20	23.17	23.18	23.05	23.07		
15	QPSK	36	39	23.11	23.15	22.99	23.02		
15	QPSK	75	0	23.16	23.19	23.08	23.09		
15	16QAM	1	0	23.04	23.05	22.94	22.91	23.8	1
15	16QAM	1	37	23.05	23.09	23.01	22.99		
15	16QAM	1	74	23.08	23.06	22.92	22.97		
15	16QAM	36	0	22.15	22.17	22.06	22.04	22.8	2
15	16QAM	36	20	22.16	22.19	22.04	22.07		
15	16QAM	36	39	22.14	22.15	22.01	22.05		
15	16QAM	75	0	22.18	22.19	22.07	22.09		
15	64QAM	1	0	22.06	22.07	21.93	21.90	22.8	2
15	64QAM	1	37	22.11	22.12	22.00	21.97		
15	64QAM	1	74	22.06	22.06	21.91	21.90		
15	64QAM	36	0	21.14	21.17	21.07	21.02	21.8	3
15	64QAM	36	20	21.15	21.20	21.06	21.08		
15	64QAM	36	39	21.12	21.13	20.97	21.03		
15	64QAM	75	0	21.14	21.19	21.05	21.07		
15	256QAM	1	0	19.29	19.17	19.25	19.27	19.8	5
15	256QAM	1	37	19.26	19.33	19.21	19.23		
15	256QAM	1	74	19.28	19.16	19.23	19.14		
15	256QAM	36	0	19.20	19.25	19.29	19.27	19.8	5
15	256QAM	36	20	19.33	19.34	19.31	19.35		
15	256QAM	36	39	19.28	19.16	19.20	19.23		
15	256QAM	75	0	19.33	19.30	19.22	19.22		
Channel				55290	55815	56155	56680	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	24.29	24.29	24.18	24.10	24.8	0
10	QPSK	1	25	24.32	24.31	24.17	24.13		
10	QPSK	1	49	24.24	24.30	24.11	24.12		
10	QPSK	25	0	23.32	23.32	23.21	23.18	23.8	1
10	QPSK	25	12	23.37	23.29	23.21	23.21		
10	QPSK	25	25	23.27	23.27	23.12	23.15		
10	QPSK	50	0	23.30	23.26	23.20	23.19		
10	16QAM	1	0	23.18	23.29	23.17	23.07	23.8	1
10	16QAM	1	25	23.25	23.30	23.15	23.12		
10	16QAM	1	49	23.23	23.27	23.14	23.16		
10	16QAM	25	0	22.30	22.32	22.21	22.15	22.8	2
10	16QAM	25	12	22.35	22.28	22.22	22.19		
10	16QAM	25	25	22.26	22.30	22.13	22.16		
10	16QAM	50	0	22.31	22.29	22.20	22.21		
10	64QAM	1	0	22.19	22.18	22.07	22.03	22.8	2
10	64QAM	1	25	22.17	22.22	22.14	22.16		
10	64QAM	1	49	22.20	22.23	22.03	22.13		
10	64QAM	25	0	21.31	21.32	21.23	21.16	21.8	3
10	64QAM	25	12	21.32	21.28	21.23	21.20		
10	64QAM	25	25	21.22	21.26	21.10	21.15		
10	64QAM	50	0	21.31	21.29	21.20	21.19		
10	256QAM	1	0	19.36	19.44	19.38	19.31	19.8	5
10	256QAM	1	25	19.46	19.38	19.42	19.41		
10	256QAM	1	49	19.34	19.38	19.42	19.42		
10	256QAM	25	0	19.35	19.43	19.31	19.33	19.8	5
10	256QAM	25	12	19.42	19.43	19.34	19.34		
10	256QAM	25	25	19.31	19.41	19.32	19.40		
10	256QAM	50	0	19.44	19.41	19.48	19.44		
Channel				55265	55790	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	24.24	24.31	24.12	24.11	24.8	0
5	QPSK	1	12	24.33	24.33	24.19	24.21		
5	QPSK	1	24	24.24	24.31	24.13	24.18		
5	QPSK	12	0	23.30	23.32	23.20	23.19	23.8	1
5	QPSK	12	7	23.31	23.29	23.18	23.23		
5	QPSK	12	13	23.22	23.27	23.19	23.17		
5	QPSK	25	0	23.21	23.25	23.14	23.18		
5	16QAM	1	0	23.20	23.22	23.05	23.02	23.8	1
5	16QAM	1	12	23.29	23.34	23.19	23.15		
5	16QAM	1	24	23.25	23.26	23.15	23.13		
5	16QAM	12	0	22.35	22.33	22.18	22.19	22.8	2
5	16QAM	12	7	22.36	22.27	22.23	22.20		
5	16QAM	12	13	22.17	22.26	22.21	22.23		
5	16QAM	25	0	22.22	22.27	22.17	22.19		
5	64QAM	1	0	22.19	22.19	22.20	22.09	22.8	2
5	64QAM	1	12	22.15	22.31	22.17	22.16		
5	64QAM	1	24	22.15	22.24	22.14	22.15		
5	64QAM	12	0	21.32	21.34	21.14	21.18	21.8	3
5	64QAM	12	7	21.30	21.29	21.21	21.23		
5	64QAM	12	13	21.23	21.28	21.15	21.16		
5	64QAM	25	0	21.19	21.24	21.16	21.17		
5	256QAM	1	0	19.46	19.48	19.44	19.42	19.8	5
5	256QAM	1	12	19.42	19.41	19.31	19.33		
5	256QAM	1	24	19.36	19.31	19.29	19.29		
5	256QAM	12	0	19.38	19.44	19.41	19.45	19.8	5
5	256QAM	12	7	19.36	19.39	19.47	19.39		
5	256QAM	12	13	19.46	19.43	19.50	19.43		
5	256QAM	25	0	19.39	19.43	19.42	19.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	24.09	24.20	24.18	24.11	24.8	0
20	QPSK	1	49	24.02	24.17	24.17	24.06		
20	QPSK	1	99	24.00	24.18	24.07	24.10		
20	QPSK	50	0	23.17	23.30	23.26	23.21	23.8	1
20	QPSK	50	24	23.16	23.27	23.25	23.20		
20	QPSK	50	50	23.13	23.27	23.15	23.19		
20	QPSK	100	0	23.18	23.30	23.19	23.24		
20	16QAM	1	0	23.14	23.17	23.23	23.07	23.8	1
20	16QAM	1	49	23.08	23.19	23.20	23.17		
20	16QAM	1	99	23.03	23.20	23.02	23.15		
20	16QAM	50	0	22.17	22.30	22.21	22.25	22.8	2
20	16QAM	50	24	22.24	22.30	22.25	22.23		
20	16QAM	50	50	22.13	22.29	22.16	22.20		
20	16QAM	100	0	22.17	22.28	22.23	22.25		
20	64QAM	1	0	21.96	22.14	22.12	22.12	22.8	2
20	64QAM	1	49	21.95	22.07	22.13	22.18		
20	64QAM	1	99	22.08	22.15	22.01	22.16		
20	64QAM	50	0	21.19	21.30	21.25	21.24	21.8	3
20	64QAM	50	24	21.23	21.28	21.23	21.26		
20	64QAM	50	50	21.15	21.30	21.15	21.18		
20	64QAM	100	0	21.20	21.27	21.22	21.25		
20	256QAM	1	0	19.14	19.16	19.13	19.18	19.8	5
20	256QAM	1	49	19.12	19.10	19.09	19.11		
20	256QAM	1	99	19.16	19.15	19.07	19.11		
20	256QAM	50	0	19.19	19.24	19.15	19.22	19.8	5
20	256QAM	50	24	19.21	19.30	19.21	19.26		
20	256QAM	50	50	19.14	19.30	19.14	19.17		
20	256QAM	100	0	19.19	19.28	19.20	19.25		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.87	23.93	23.90	23.95	24.8	0
15	QPSK	1	37	23.89	23.96	23.93	24.02		
15	QPSK	1	74	23.91	23.94	23.95	24.00		
15	QPSK	36	0	22.97	23.02	22.98	23.05	23.8	1
15	QPSK	36	20	22.88	23.03	22.98	23.14		
15	QPSK	36	39	22.94	23.00	23.01	23.07		
15	QPSK	75	0	22.88	23.01	23.00	23.09		
15	16QAM	1	0	22.88	22.97	22.93	22.94	23.8	1
15	16QAM	1	37	22.94	22.93	22.95	23.01		
15	16QAM	1	74	22.86	22.88	22.91	22.96		
15	16QAM	36	0	21.95	22.02	21.98	22.07	22.8	2
15	16QAM	36	20	21.93	22.03	21.97	22.10		
15	16QAM	36	39	21.90	21.98	22.03	22.09		
15	16QAM	75	0	21.93	22.01	22.00	22.13		
15	64QAM	1	0	21.91	21.87	21.89	21.90	22.8	2
15	64QAM	1	37	21.99	21.95	21.93	22.01		
15	64QAM	1	74	21.91	21.92	21.96	21.94		
15	64QAM	36	0	21.00	21.01	21.00	21.08	21.8	3
15	64QAM	36	20	20.96	21.04	21.01	21.11		
15	64QAM	36	39	20.96	20.98	21.00	21.07		
15	64QAM	75	0	20.96	21.03	20.99	21.13		
15	256QAM	1	0	19.10	19.10	19.17	19.17	19.8	5
15	256QAM	1	37	19.06	19.06	19.06	19.12		
15	256QAM	1	74	19.09	19.11	19.18	19.14		
15	256QAM	36	0	19.13	19.05	19.14	19.13	19.8	5
15	256QAM	36	20	19.12	19.13	19.08	19.02		
15	256QAM	36	39	19.00	19.03	19.04	19.05		
15	256QAM	75	0	19.03	19.04	19.03	19.10		
Channel				55290	55815	56155	56680	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	24.07	24.16	24.13	24.19	24.8	0
10	QPSK	1	25	24.14	24.15	24.09	24.17		
10	QPSK	1	49	24.10	24.12	24.07	24.16		
10	QPSK	25	0	23.13	23.16	23.13	23.23	23.8	1
10	QPSK	25	12	23.17	23.13	23.16	23.29		
10	QPSK	25	25	23.09	23.12	23.15	23.27		
10	QPSK	50	0	23.14	23.14	23.18	23.29		
10	16QAM	1	0	22.96	23.10	23.09	23.14	23.8	1
10	16QAM	1	25	23.03	23.04	23.08	23.12		
10	16QAM	1	49	23.00	23.07	23.02	23.16		
10	16QAM	25	0	22.15	22.19	22.13	22.23	22.8	2
10	16QAM	25	12	22.17	22.13	22.16	22.28		
10	16QAM	25	25	22.06	22.14	22.17	22.27		
10	16QAM	50	0	22.14	22.11	22.13	22.27		
10	64QAM	1	0	22.11	22.17	22.10	22.13	22.8	2
10	64QAM	1	25	22.16	22.13	22.14	22.15		
10	64QAM	1	49	22.08	22.18	22.05	22.16		
10	64QAM	25	0	21.13	21.19	21.13	21.24	21.8	3
10	64QAM	25	12	21.16	21.15	21.15	21.27		
10	64QAM	25	25	21.08	21.12	21.14	21.26		
10	64QAM	50	0	21.14	21.10	21.16	21.25		
10	256QAM	1	0	19.20	19.26	19.29	19.30	19.8	5
10	256QAM	1	25	19.16	19.23	19.16	19.25		
10	256QAM	1	49	19.29	19.26	19.20	19.24		
10	256QAM	25	0	19.16	19.15	19.29	19.18	19.8	5
10	256QAM	25	12	19.18	19.23	19.26	19.25		
10	256QAM	25	25	19.26	19.20	19.27	19.19		
10	256QAM	50	0	19.22	19.25	19.26	19.18		
Channel				55265	55790	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	24.04	24.07	24.03	24.14	24.8	0
5	QPSK	1	12	24.16	24.17	24.14	24.18		
5	QPSK	1	24	24.11	24.13	24.15	24.19		
5	QPSK	12	0	23.11	23.18	23.13	23.24	23.8	1
5	QPSK	12	7	23.15	23.14	23.16	23.29		
5	QPSK	12	13	23.10	23.12	23.07	23.26		
5	QPSK	25	0	23.09	23.10	23.11	23.27		
5	16QAM	1	0	22.93	22.96	22.98	23.05	23.8	1
5	16QAM	1	12	23.07	23.15	23.13	23.18		
5	16QAM	1	24	23.04	23.08	23.10	23.12		
5	16QAM	12	0	22.05	22.19	22.13	22.21	22.8	2
5	16QAM	12	7	22.16	22.15	22.17	22.24		
5	16QAM	12	13	22.13	22.09	22.09	22.23		
5	16QAM	25	0	22.11	22.09	22.13	22.25		
5	64QAM	1	0	21.95	22.01	22.02	22.14	22.8	2
5	64QAM	1	12	22.03	22.10	22.11	22.17		
5	64QAM	1	24	22.00	22.04	22.06	22.15		
5	64QAM	12	0	21.13	21.18	21.13	21.27	21.8	3
5	64QAM	12	7	21.15	21.15	21.14	21.29		
5	64QAM	12	13	21.11	21.10	21.10	21.24		
5	64QAM	25	0	21.15	21.09	21.14	21.27		
5	256QAM	1	0	19.22	19.19	19.24	19.25	19.8	5
5	256QAM	1	12	19.16	19.11	19.23	19.16		
5	256QAM	1	24	19.24	19.16	19.13	19.12		
5	256QAM	12	0	19.15	19.15	19.25	19.26	19.8	5
5	256QAM	12	7	19.28	19.20	19.25	19.25		
5	256QAM	12	13	19.20	19.24	19.15	19.29		
5	256QAM	25	0	19.20	19.27	19.18	19.28		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.44	23.28	23.38	24.3	0
20	QPSK	1	49	23.38	23.27	23.19		
20	QPSK	1	99	23.41	23.23	23.03		
20	QPSK	50	0	22.39	22.27	22.32	23.3	1
20	QPSK	50	24	22.36	22.22	22.14		
20	QPSK	50	50	22.35	22.21	22.14		
20	QPSK	100	0	22.30	22.12	22.18		
20	16QAM	1	0	22.02	21.97	22.35	23.3	1
20	16QAM	1	49	22.08	22.02	22.15		
20	16QAM	1	99	22.50	22.01	22.24		
20	16QAM	50	0	21.40	21.20	21.20	22.3	2
20	16QAM	50	24	21.52	21.16	21.20		
20	16QAM	50	50	21.43	21.13	21.11		
20	16QAM	100	0	21.38	21.15	21.20		
20	64QAM	1	0	21.07	21.05	21.09	22.3	2
20	64QAM	1	49	21.75	21.29	20.96		
20	64QAM	1	99	21.28	21.15	20.96		
20	64QAM	50	0	20.33	20.06	20.13	21.3	3
20	64QAM	50	24	20.59	20.19	20.21		
20	64QAM	50	50	20.31	20.27	20.18		
20	64QAM	100	0	20.37	20.11	20.14		
20	256QAM	1	0	18.28	18.30	18.24	19.3	5
20	256QAM	1	49	18.34	18.36	18.21		
20	256QAM	1	99	18.23	18.29	18.18		
20	256QAM	50	0	18.29	18.28	18.25	19.3	5
20	256QAM	50	24	18.37	18.32	18.28		
20	256QAM	50	50	18.36	18.36	18.23		
20	256QAM	100	0	18.33	18.26	18.28		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.12	22.97	22.92	24.3	0
15	QPSK	1	37	23.17	22.86	22.88		
15	QPSK	1	74	23.20	23.00	22.91		
15	QPSK	36	0	22.18	21.92	21.96	23.3	1
15	QPSK	36	20	22.36	22.01	22.02		
15	QPSK	36	39	22.34	22.05	22.01		
15	QPSK	75	0	22.26	21.97	21.99		
15	16QAM	1	0	22.06	21.96	22.08	23.3	1
15	16QAM	1	37	22.15	22.09	21.75		
15	16QAM	1	74	22.17	22.14	22.22		
15	16QAM	36	0	21.27	20.87	20.89	22.3	2
15	16QAM	36	20	21.29	21.11	21.09		
15	16QAM	36	39	21.38	21.01	21.03		
15	16QAM	75	0	21.29	20.98	20.94		
15	64QAM	1	0	21.13	21.18	20.90	22.3	2
15	64QAM	1	37	21.59	21.04	21.09		
15	64QAM	1	74	21.20	21.18	20.93		
15	64QAM	36	0	20.12	20.01	20.03	21.3	3
15	64QAM	36	20	20.33	19.92	20.06		
15	64QAM	36	39	20.30	19.98	19.94		
15	64QAM	75	0	20.36	19.94	19.97		
15	256QAM	1	0	18.24	18.27	18.27	19.3	5
15	256QAM	1	37	18.34	18.34	18.19		
15	256QAM	1	74	18.22	18.29	18.17		
15	256QAM	36	0	18.28	18.30	18.27	19.3	5
15	256QAM	36	20	18.33	18.32	18.31		
15	256QAM	36	39	18.37	18.37	18.24		
15	256QAM	75	0	18.37	18.28	18.32		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.19	23.09	22.95	24.3	0
10	QPSK	1	25	23.40	23.14	23.15		
10	QPSK	1	49	23.38	23.07	23.02		
10	QPSK	25	0	22.40	22.04	22.02	23.3	1
10	QPSK	25	12	22.41	22.07	22.06		
10	QPSK	25	25	22.44	22.15	22.12		
10	QPSK	50	0	22.40	22.12	22.09		
10	16QAM	1	0	22.22	22.24	22.02	23.3	1
10	16QAM	1	25	22.31	22.27	22.14		
10	16QAM	1	49	22.16	21.83	22.08		
10	16QAM	25	0	21.37	21.04	21.05	22.3	2
10	16QAM	25	12	21.29	21.14	21.06		
10	16QAM	25	25	21.49	21.19	21.14		
10	16QAM	50	0	21.44	21.11	21.09		
10	64QAM	1	0	21.53	21.31	20.85	22.3	2
10	64QAM	1	25	21.14	21.19	21.21		
10	64QAM	1	49	21.06	21.27	21.03		
10	64QAM	25	0	20.45	20.20	19.97	21.3	3
10	64QAM	25	12	20.48	20.14	20.06		
10	64QAM	25	25	20.44	20.24	20.23		
10	64QAM	50	0	20.41	20.05	20.11		
10	256QAM	1	0	18.27	18.29	18.26	19.3	5
10	256QAM	1	25	18.32	18.36	18.17		
10	256QAM	1	49	18.24	18.29	18.19		
10	256QAM	25	0	18.33	18.24	18.24	19.3	5
10	256QAM	25	12	18.41	18.33	18.25		
10	256QAM	25	25	18.34	18.40	18.20		
10	256QAM	50	0	18.35	18.22	18.27		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.31	23.06	22.97	24.3	0
5	QPSK	1	12	23.41	23.21	23.12		
5	QPSK	1	24	23.42	23.18	23.04		
5	QPSK	12	0	22.42	22.07	22.16	23.3	1
5	QPSK	12	7	22.44	22.16	22.17		
5	QPSK	12	13	22.47	22.15	22.08		
5	QPSK	25	0	22.44	22.01	22.13		
5	16QAM	1	0	22.72	22.11	21.95	23.3	1
5	16QAM	1	12	22.51	22.31	22.17		
5	16QAM	1	24	22.39	22.06	21.92		
5	16QAM	12	0	21.36	21.08	21.07	22.3	2
5	16QAM	12	7	21.51	21.14	21.12		
5	16QAM	12	13	21.30	21.09	21.16		
5	16QAM	25	0	21.42	21.08	21.19		
5	64QAM	1	0	21.70	21.04	21.23	22.3	2
5	64QAM	1	12	21.20	21.18	21.26		
5	64QAM	1	24	21.26	21.00	21.20		
5	64QAM	12	0	20.43	20.20	20.23	21.3	3
5	64QAM	12	7	20.40	20.02	20.09		
5	64QAM	12	13	20.45	20.12	20.10		
5	64QAM	25	0	20.47	20.05	20.19		
5	256QAM	1	0	18.31	18.28	18.28	19.3	5
5	256QAM	1	12	18.32	18.38	18.18		
5	256QAM	1	24	18.25	18.30	18.22		
5	256QAM	12	0	18.27	18.28	18.24	19.3	5
5	256QAM	12	7	18.33	18.31	18.24		
5	256QAM	12	13	18.39	18.36	18.21		
5	256QAM	25	0	18.30	18.27	18.26		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.41	23.85	23.79	23.61	23.80	24.8	0
20	QPSK	1	49	23.34	23.74	23.78	23.56	23.66		
20	QPSK	1	99	23.40	23.75	23.61	23.60	23.78		
20	QPSK	50	0	22.60	22.88	22.83	22.78	22.82	23.8	1
20	QPSK	50	24	22.59	22.84	22.80	22.72	22.71		
20	QPSK	50	50	22.47	22.85	22.80	22.75	22.77		
20	QPSK	100	0	22.57	22.86	22.72	22.63	22.77		
20	16QAM	1	0	22.39	22.59	22.63	22.75	22.92	23.8	1
20	16QAM	1	49	22.36	22.84	22.70	22.73	22.53		
20	16QAM	1	99	22.50	22.94	22.75	22.93	22.90		
20	16QAM	50	0	21.49	21.76	21.84	21.73	21.82	22.8	2
20	16QAM	50	24	21.56	21.86	21.75	21.72	21.70		
20	16QAM	50	50	21.49	21.92	21.86	21.73	21.92		
20	16QAM	100	0	21.54	21.87	21.69	21.67	21.74		
20	64QAM	1	0	21.43	21.60	21.51	21.72	21.50	22.8	2
20	64QAM	1	49	21.81	21.47	21.71	21.81	21.60		
20	64QAM	1	99	21.06	21.79	21.75	21.89	21.72		
20	64QAM	50	0	20.42	20.85	20.62	20.72	20.69	21.8	3
20	64QAM	50	24	20.55	20.92	20.71	20.78	20.75		
20	64QAM	50	50	20.39	20.91	20.84	20.80	20.84		
20	64QAM	100	0	20.55	20.90	20.75	20.65	20.70		
20	256QAM	1	0	18.72	18.81	18.86	18.82	18.74	19.8	5
20	256QAM	1	49	18.63	18.72	18.85	18.80	18.69		
20	256QAM	1	99	18.56	18.70	18.84	18.75	18.66		
20	256QAM	50	0	18.76	18.82	18.86	18.84	18.73	19.8	5
20	256QAM	50	24	18.80	18.80	18.85	18.85	18.70		
20	256QAM	50	50	18.77	18.76	18.91	18.88	18.72		
20	256QAM	100	0	18.79	18.82	18.83	18.87	18.68		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.15	23.55	23.53	23.84	23.76	24.80	0
15	QPSK	1	37	23.40	23.67	23.46	23.68	23.34		
15	QPSK	1	74	23.09	23.55	23.58	23.41	23.63		
15	QPSK	36	0	22.26	22.64	22.65	22.57	22.50	23.8	1
15	QPSK	36	20	22.39	22.81	22.49	22.59	22.65		
15	QPSK	36	39	22.24	22.78	22.66	22.63	22.64		
15	QPSK	75	0	22.39	22.77	22.52	22.59	22.56		
15	16QAM	1	0	22.13	22.72	22.45	22.44	22.62	23.8	1
15	16QAM	1	37	22.28	22.61	22.59	22.72	22.35		
15	16QAM	1	74	22.32	22.55	22.85	22.45	22.35		
15	16QAM	36	0	21.37	21.60	21.54	21.47	21.53	22.8	2
15	16QAM	36	20	21.37	21.73	21.59	21.62	21.64		
15	16QAM	36	39	21.22	21.59	21.64	21.63	21.70		
15	16QAM	75	0	21.31	21.76	21.45	21.64	21.62		
15	64QAM	1	0	21.23	21.61	21.50	22.02	21.66	22.8	2
15	64QAM	1	37	21.50	21.90	21.39	21.57	21.41		
15	64QAM	1	74	21.40	21.70	21.47	21.46	21.15		
15	64QAM	36	0	20.44	20.66	20.55	20.65	20.55	21.8	3
15	64QAM	36	20	20.34	20.73	20.56	20.57	20.55		
15	64QAM	36	39	20.30	20.72	20.62	20.58	20.64		
15	64QAM	75	0	20.36	20.69	20.51	20.64	20.67		
15	256QAM	1	0	18.74	18.78	18.87	18.82	18.77	19.8	5
15	256QAM	1	37	18.59	18.71	18.81	18.81	18.69		
15	256QAM	1	74	18.54	18.68	18.86	18.71	18.62		
15	256QAM	36	0	18.73	18.86	18.82	18.87	18.71	19.8	5
15	256QAM	36	20	18.83	18.76	18.88	18.89	18.70		
15	256QAM	36	39	18.76	18.74	18.93	18.91	18.73		
15	256QAM	75	0	18.82	18.78	18.81	18.87	18.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.41	23.67	23.65	23.56	23.64	24.80	0
10	QPSK	1	25	23.35	23.71	23.70	23.67	23.66		
10	QPSK	1	49	23.40	23.82	23.69	23.52	23.64		
10	QPSK	25	0	22.40	22.81	22.70	22.66	22.68	23.8	1
10	QPSK	25	12	22.36	22.86	22.67	22.72	22.63		
10	QPSK	25	25	22.42	22.91	22.78	22.78	22.80		
10	QPSK	50	0	22.47	22.87	22.74	22.72	22.74		
10	16QAM	1	0	22.16	22.78	22.73	22.75	22.95	23.8	1
10	16QAM	1	25	22.51	22.87	22.74	22.93	22.83		
10	16QAM	1	49	22.43	22.64	22.68	22.79	22.67		
10	16QAM	25	0	21.40	21.74	21.68	21.71	21.57	22.8	2
10	16QAM	25	12	21.49	21.94	21.79	21.76	21.69		
10	16QAM	25	25	21.45	21.89	21.81	21.74	21.69		
10	16QAM	50	0	21.45	21.83	21.75	21.68	21.77		
10	64QAM	1	0	21.32	21.80	21.49	21.93	21.74	22.8	2
10	64QAM	1	25	21.49	21.92	21.45	22.01	21.95		
10	64QAM	1	49	21.40	22.00	21.81	21.33	21.34		
10	64QAM	25	0	20.29	20.89	20.78	20.53	20.61	21.8	3
10	64QAM	25	12	20.43	20.91	20.60	20.75	20.67		
10	64QAM	25	25	20.31	20.85	20.78	20.76	20.76		
10	64QAM	50	0	20.46	20.86	20.72	20.80	20.69		
10	256QAM	1	0	18.75	18.85	18.88	18.86	18.77	19.8	5
10	256QAM	1	25	18.61	18.76	18.81	18.77	18.66		
10	256QAM	1	49	18.55	18.69	18.82	18.71	18.62		
10	256QAM	25	0	18.72	18.86	18.82	18.80	18.73	19.8	5
10	256QAM	25	12	18.79	18.76	18.86	18.84	18.74		
10	256QAM	25	25	18.81	18.72	18.94	18.86	18.72		
10	256QAM	50	0	18.79	18.80	18.85	18.88	18.69		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.29	23.70	23.67	23.62	23.57	24.80	0
5	QPSK	1	12	23.40	23.81	23.67	23.83	23.82		
5	QPSK	1	24	23.32	23.74	23.71	23.48	23.63		
5	QPSK	12	0	22.36	22.79	22.68	22.63	22.70	23.8	1
5	QPSK	12	7	22.39	22.90	22.78	22.76	22.68		
5	QPSK	12	13	22.44	22.86	22.68	22.70	22.67		
5	QPSK	25	0	22.39	22.78	22.61	22.62	22.61		
5	16QAM	1	0	22.24	22.75	22.32	22.74	22.64	23.8	1
5	16QAM	1	12	22.43	22.50	23.01	22.20	22.78		
5	16QAM	1	24	22.31	22.25	23.03	22.55	22.66		
5	16QAM	12	0	21.32	21.80	21.66	21.58	21.68	22.8	2
5	16QAM	12	7	21.40	21.80	21.71	21.76	21.72		
5	16QAM	12	13	21.38	21.93	21.76	21.74	21.66		
5	16QAM	25	0	21.36	21.91	21.61	21.63	21.60		
5	64QAM	1	0	21.29	21.61	21.24	21.67	21.29	22.8	2
5	64QAM	1	12	21.36	21.60	21.60	21.76	21.54		
5	64QAM	1	24	21.35	22.06	22.03	21.29	21.49		
5	64QAM	12	0	20.38	20.89	20.68	20.48	20.66	21.8	3
5	64QAM	12	7	20.53	20.77	20.81	20.66	20.69		
5	64QAM	12	13	20.46	20.72	20.60	20.74	20.68		
5	64QAM	25	0	20.37	20.84	20.65	20.65	20.58		
5	256QAM	1	0	18.69	18.79	18.83	18.81	18.78	19.8	5
5	256QAM	1	12	18.66	18.70	18.83	18.83	18.68		
5	256QAM	1	24	18.55	18.71	18.81	18.78	18.64		
5	256QAM	12	0	18.77	18.80	18.82	18.80	18.77	19.8	5
5	256QAM	12	7	18.78	18.76	18.84	18.86	18.66		
5	256QAM	12	13	18.81	18.73	18.90	18.87	18.76		
5	256QAM	25	0	18.75	18.79	18.81	18.88	18.68		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.51	26.10	25.68	25.80	26.00	26.8	0
20	QPSK	1	49	25.34	25.78	25.67	25.58	25.82		
20	QPSK	1	99	25.43	25.74	25.65	25.54	25.73		
20	QPSK	50	0	24.58	24.89	24.84	24.72	24.87	25.8	1
20	QPSK	50	24	24.53	24.75	24.63	24.70	24.86		
20	QPSK	50	50	24.51	24.77	24.83	24.66	24.86		
20	QPSK	100	0	24.51	24.87	24.68	24.59	24.86		
20	16QAM	1	0	24.90	25.34	25.08	25.28	24.98	25.8	1
20	16QAM	1	49	25.17	25.14	25.23	24.89	25.20		
20	16QAM	1	99	24.45	25.33	24.89	24.78	24.92		
20	16QAM	50	0	23.44	23.76	23.71	23.86	23.85	24.8	2
20	16QAM	50	24	23.71	23.77	23.79	23.81	23.95		
20	16QAM	50	50	23.57	23.86	23.78	23.80	23.99		
20	16QAM	100	0	23.57	23.78	23.69	23.72	23.89		
20	64QAM	1	0	23.61	24.11	23.64	23.57	24.11	24.8	2
20	64QAM	1	49	23.46	24.01	23.75	23.85	24.04		
20	64QAM	1	99	23.70	23.96	23.51	24.03	24.13		
20	64QAM	50	0	22.51	22.91	22.78	22.78	22.75	23.8	3
20	64QAM	50	24	22.59	22.84	22.76	22.74	22.97		
20	64QAM	50	50	22.62	22.77	22.81	22.77	22.87		
20	64QAM	100	0	22.70	22.85	22.73	22.78	22.93		
20	256QAM	1	0	20.96	20.93	21.03	21.01	20.97	21.8	5
20	256QAM	1	49	20.89	20.90	21.00	21.02	20.93		
20	256QAM	1	99	20.85	20.89	21.01	20.96	20.88		
20	256QAM	50	0	20.81	20.81	20.93	20.90	20.85	21.8	5
20	256QAM	50	24	20.82	20.74	20.87	20.86	20.88		
20	256QAM	50	50	20.76	20.80	20.93	20.88	20.82		
20	256QAM	100	0	20.82	20.75	20.86	20.89	20.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.16	25.58	25.61	25.55	25.52	26.80	0
15	QPSK	1	37	25.30	25.72	25.51	25.30	25.48		
15	QPSK	1	74	25.10	25.56	25.48	25.29	25.53		
15	QPSK	36	0	24.32	24.68	24.57	24.64	24.57	25.8	1
15	QPSK	36	20	24.40	24.74	24.54	24.59	24.72		
15	QPSK	36	39	24.25	24.80	24.71	24.49	24.57		
15	QPSK	75	0	24.37	24.81	24.55	24.39	24.68		
15	16QAM	1	0	24.35	24.95	24.77	24.49	25.05	25.8	1
15	16QAM	1	37	24.84	25.13	24.84	24.76	24.85		
15	16QAM	1	74	24.24	24.95	24.58	25.05	24.81		
15	16QAM	36	0	23.34	23.75	23.59	23.64	23.59	24.8	2
15	16QAM	36	20	23.45	23.77	23.57	23.67	23.73		
15	16QAM	36	39	23.34	23.81	23.70	23.66	23.69		
15	16QAM	75	0	23.38	23.79	23.53	23.62	23.68		
15	64QAM	1	0	23.63	23.83	23.53	23.67	23.57	24.8	2
15	64QAM	1	37	23.67	23.92	24.15	24.06	23.24		
15	64QAM	1	74	23.39	23.85	23.71	23.72	23.91		
15	64QAM	36	0	22.37	22.66	22.54	22.55	22.60	23.8	3
15	64QAM	36	20	22.30	22.76	22.63	22.60	22.66		
15	64QAM	36	39	22.27	22.81	22.64	22.69	22.59		
15	64QAM	75	0	22.41	22.72	22.66	22.67	22.67		
15	256QAM	1	0	20.94	20.97	21.05	21.01	20.96	21.8	5
15	256QAM	1	37	20.88	20.94	21.02	21.01	20.88		
15	256QAM	1	74	20.87	20.86	20.97	21.00	20.88		
15	256QAM	36	0	20.78	20.85	20.95	20.93	20.83	21.8	5
15	256QAM	36	20	20.86	20.84	20.91	20.82	20.71		
15	256QAM	36	39	20.74	20.81	20.97	20.86	20.83		
15	256QAM	75	0	20.82	20.84	20.90	20.93	20.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.32	25.76	25.71	25.49	25.74	26.80	0
10	QPSK	1	25	25.46	25.83	25.78	25.39	25.82		
10	QPSK	1	49	25.38	25.75	25.75	25.39	25.56		
10	QPSK	25	0	24.40	24.89	24.74	24.52	24.78	25.8	1
10	QPSK	25	12	24.45	24.95	24.68	24.48	24.73		
10	QPSK	25	25	24.43	24.89	24.78	24.44	24.78		
10	QPSK	50	0	24.46	24.86	24.64	24.29	24.66		
10	16QAM	1	0	24.54	25.39	25.39	24.68	24.68	25.8	1
10	16QAM	1	25	24.71	24.95	25.12	24.86	24.94		
10	16QAM	1	49	24.77	25.50	24.82	24.94	25.10		
10	16QAM	25	0	23.48	23.85	23.78	23.81	23.80	24.8	2
10	16QAM	25	12	23.58	23.98	23.70	23.82	23.79		
10	16QAM	25	25	23.42	23.92	23.82	23.68	23.84		
10	16QAM	50	0	23.53	23.87	23.68	23.72	23.63		
10	64QAM	1	0	23.44	24.27	23.91	23.46	23.96	24.8	2
10	64QAM	1	25	23.85	24.09	23.86	24.00	24.28		
10	64QAM	1	49	23.63	23.89	23.77	23.77	24.33		
10	64QAM	25	0	22.37	22.91	22.75	22.68	22.67	23.8	3
10	64QAM	25	12	22.55	22.87	22.72	22.80	22.73		
10	64QAM	25	25	22.37	22.98	22.90	22.78	22.82		
10	64QAM	50	0	22.49	22.92	22.78	22.75	22.73		
10	256QAM	1	0	20.99	20.99	21.07	21.00	20.95	21.8	5
10	256QAM	1	25	20.92	20.93	20.96	21.02	20.92		
10	256QAM	1	49	20.81	20.91	21.03	20.99	20.91		
10	256QAM	25	0	20.80	20.84	20.94	20.90	20.82	21.8	5
10	256QAM	25	12	20.81	20.90	20.91	20.88	20.74		
10	256QAM	25	25	20.76	20.83	20.94	20.88	20.76		
10	256QAM	50	0	20.86	20.79	20.88	20.93	20.71		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.26	25.72	25.54	25.36	25.62	26.80	0
5	QPSK	1	12	25.44	25.80	25.75	25.42	25.69		
5	QPSK	1	24	25.37	25.89	25.85	25.22	25.55		
5	QPSK	12	0	24.47	24.84	24.64	24.56	24.61	25.8	1
5	QPSK	12	7	24.44	24.91	24.83	24.48	24.71		
5	QPSK	12	13	24.46	24.79	24.77	24.52	24.79		
5	QPSK	25	0	24.48	24.82	24.69	24.35	24.61		
5	16QAM	1	0	24.58	24.99	25.07	24.93	24.64	25.8	1
5	16QAM	1	12	24.94	25.22	25.10	24.29	25.13		
5	16QAM	1	24	24.82	24.97	24.61	24.60	25.17		
5	16QAM	12	0	23.44	23.98	23.59	23.74	23.53	24.8	2
5	16QAM	12	7	23.48	23.93	23.78	23.70	23.82		
5	16QAM	12	13	23.50	23.87	23.76	23.71	23.75		
5	16QAM	25	0	23.49	23.86	23.74	23.58	23.72		
5	64QAM	1	0	23.64	23.89	23.96	23.73	23.82	24.8	2
5	64QAM	1	12	23.34	23.99	24.13	23.50	24.02		
5	64QAM	1	24	23.44	24.03	23.96	23.59	24.01		
5	64QAM	12	0	22.57	22.90	22.76	22.74	22.71	23.8	3
5	64QAM	12	7	22.50	23.06	22.85	22.79	22.77		
5	64QAM	12	13	22.53	22.94	22.76	22.75	22.78		
5	64QAM	25	0	22.43	22.82	22.66	22.61	22.70		
5	256QAM	1	0	20.92	20.96	21.02	20.97	20.91	21.8	5
5	256QAM	1	12	20.93	20.96	20.97	20.99	20.87		
5	256QAM	1	24	20.86	20.87	21.05	20.94	20.93		
5	256QAM	12	0	20.84	20.88	20.94	20.88	20.82	21.8	5
5	256QAM	12	7	20.82	20.86	20.89	20.90	20.71		
5	256QAM	12	13	20.73	20.85	20.93	20.88	20.79		
5	256QAM	25	0	20.84	20.84	20.90	20.93	20.73		

Reduced power level for WWAN

GSM850_ANT 0(DSI5)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		31.74	32.15	31.99	33.00	22.74	23.15	22.99	24.00
GPRS 1 Tx slot		31.73	32.13	31.98	33.00	22.73	23.13	22.98	24.00
GPRS 2 Tx slots		28.75	28.90	29.07	30.00	22.75	22.90	23.07	24.00
GPRS 3 Tx slots		27.03	27.16	27.31	28.20	22.77	22.90	23.05	23.94
GPRS 4 Tx slots		26.05	25.90	25.95	27.00	23.05	22.90	22.95	24.00
EDGE 1 Tx slot		24.68	24.97	25.11	26.00	15.68	15.97	16.11	17.00
EDGE 2 Tx slots		22.79	22.62	22.77	24.00	16.79	16.62	16.77	18.00
EDGE 3 Tx slots		21.39	21.26	21.32	22.20	17.13	17.00	17.06	17.94
EDGE 4 Tx slots		20.55	20.58	20.54	21.50	17.55	17.58	17.54	18.50
DTM Multi-slot class 5	GSM 1 Tx slot	28.64	28.86	28.93	30.00	22.64	22.80	22.91	23.98
	GPRS 1 Tx slot	28.69	28.78	28.93	30.00				
DTM Multi-slot class 9	GSM 1 Tx slot	28.71	28.88	29.00	30.00	22.65	22.83	22.98	23.98
	GPRS 1 Tx slot	28.63	28.82	29.01	30.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.01	27.28	27.38	28.20	22.82	22.96	23.05	23.94
	GPRS 2 Tx slots	27.11	27.19	27.28	28.20				
DTM Multi-slot class 5	GSM 1 Tx slot	28.83	28.90	29.16	30.00	20.72	20.73	20.98	21.94
	EDGE 1 Tx slot	22.54	22.33	22.53	24.00				
DTM Multi-slot class 9	GSM 1 Tx slot	28.78	28.96	29.11	30.00	20.66	20.77	20.92	21.94
	EDGE 1 Tx slot	22.45	22.28	22.41	24.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.10	27.26	27.30	28.20	19.81	19.92	19.95	20.94
	EDGE 2 Tx slots	21.03	21.04	21.03	22.20				

GSM1900_ANT 2(DSI5)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		25.60	25.82	25.63	26.30	16.60	16.82	16.63	17.30
GPRS 1 Tx slot		25.60	25.86	25.67	26.30	16.60	16.86	16.67	17.30
GPRS 2 Tx slots		22.47	22.81	22.61	23.30	16.47	16.81	16.61	17.30
GPRS 3 Tx slots		20.51	20.87	20.70	21.50	16.25	16.61	16.44	17.24
GPRS 4 Tx slots		19.71	19.73	19.40	20.30	16.71	16.73	16.40	17.30
EDGE 1 Tx slot		25.15	25.32	25.24	25.80	16.15	16.32	16.24	16.80
EDGE 2 Tx slots		22.21	22.45	22.34	22.80	16.21	16.45	16.34	16.80
EDGE 3 Tx slots		19.72	19.96	19.84	20.80	15.46	15.70	15.58	16.54
EDGE 4 Tx slots		19.31	19.37	19.33	19.80	16.31	16.37	16.33	16.80
DTM Multi-slot class 5	GSM 1 Tx slot	22.36	22.83	22.49	23.30	16.38	16.74	16.47	17.28
	GPRS 1 Tx slot	22.44	22.69	22.50	23.30				
DTM Multi-slot class 9	GSM 1 Tx slot	22.46	22.73	22.55	23.30	16.38	16.71	16.53	17.28
	GPRS 1 Tx slot	22.35	22.74	22.55	23.30				
DTM Multi-slot class 11	GSM 1 Tx slot	20.46	20.90	20.81	21.50	16.25	16.67	16.54	17.24
	GPRS 2 Tx slots	20.54	20.94	20.80	21.50				
DTM Multi-slot class 5	GSM 1 Tx slot	22.45	22.76	22.62	23.30	16.18	16.48	16.33	17.04
	EDGE 1 Tx slot	21.93	22.22	22.07	22.80				
DTM Multi-slot class 9	GSM 1 Tx slot	22.43	22.84	22.60	23.30	16.18	16.47	16.35	17.04
	EDGE 1 Tx slot	21.96	22.12	22.12	22.80				
DTM Multi-slot class 11	GSM 1 Tx slot	20.58	20.90	20.69	21.50	15.61	15.85	15.73	16.79
	EDGE 2 Tx slots	19.46	19.65	19.60	20.80				

Band		WCDMA II_ANT 2(DSI5)			Tune-up Limit (dBm)	WCDMA IV_ANT 2(DSI5)			Tune-up Limit (dBm)	WCDMA V_ANT 0(DSI5)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.50	19.62	19.48	20.30	19.56	19.65	19.66	20.30	23.01	23.00	22.99	24.30
3GPP Rel 99	RMC 12.2Kbps	19.53	19.67	19.50	20.30	19.57	19.70	19.69	20.30	23.03	23.01	23.01	24.30
3GPP Rel 6	HSDPA Subtest-1	18.44	18.48	18.35	19.30	18.36	18.30	18.54	19.30	22.06	22.06	21.99	23.00
3GPP Rel 6	HSDPA Subtest-2	18.24	18.43	18.39	19.30	18.20	18.40	18.33	19.30	22.08	21.98	21.98	23.00
3GPP Rel 6	HSDPA Subtest-3	17.93	17.99	18.01	19.30	17.92	17.74	17.80	19.30	21.51	21.50	21.55	23.00
3GPP Rel 6	HSDPA Subtest-4	17.75	17.85	17.82	19.30	17.84	17.93	17.91	19.30	21.56	21.48	21.53	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	18.09	18.40	18.15	19.30	18.12	18.26	18.09	19.30	21.88	21.97	21.83	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.27	18.09	18.26	19.30	18.19	18.09	18.38	19.30	22.67	22.53	22.63	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.79	17.66	17.76	19.30	17.73	17.68	17.84	19.30	22.08	22.14	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.91	17.78	17.81	19.30	17.72	17.90	17.86	19.30	22.18	22.21	22.09	23.00
3GPP Rel 6	HSUPA Subtest-1	18.59	18.69	18.58	20.30	18.50	18.57	18.33	20.30	22.02	22.04	21.95	24.00
3GPP Rel 6	HSUPA Subtest-2	16.46	16.77	16.73	18.30	15.09	15.34	15.31	16.30	20.04	20.00	19.89	22.00
3GPP Rel 6	HSUPA Subtest-3	17.29	17.43	17.34	18.30	16.09	16.01	16.11	16.30	21.01	21.00	20.95	22.00
3GPP Rel 6	HSUPA Subtest-4	16.54	16.68	16.52	18.30	15.12	15.38	15.39	16.30	20.02	19.98	19.96	22.00
3GPP Rel 6	HSUPA Subtest-5	18.40	18.59	18.36	20.30	18.30	18.30	18.44	20.30	22.02	22.01	22.02	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.80	17.86	17.86	18.30	17.61	17.69	17.51	18.30	21.66	21.71	21.62	22.80

GSM850_ANT 0(DSI10)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		28.00	27.61	28.08	29.20	19.00	18.61	19.08	20.20
GPRS 1 Tx slot		27.98	27.58	28.05	29.20	18.98	18.58	19.05	20.20
GPRS 2 Tx slots		24.86	24.77	24.88	26.20	18.86	18.77	18.88	20.20
GPRS 3 Tx slots		23.16	23.16	23.22	24.40	18.90	18.90	18.96	20.14
GPRS 4 Tx slots		21.88	21.47	21.77	23.20	18.88	18.47	18.77	20.20
EDGE 1 Tx slot		24.68	24.97	25.11	26.00	15.68	15.97	16.11	17.00
EDGE 2 Tx slots		22.79	22.62	22.77	24.00	16.79	16.62	16.77	18.00
EDGE 3 Tx slots		21.39	21.26	21.32	22.20	17.13	17.00	17.06	17.94
EDGE 4 Tx slots		20.55	20.58	20.54	21.50	17.55	17.58	17.54	18.50
DTM Multi-slot class 5	GSM 1 Tx slot	24.87	24.75	24.73	26.20	18.79	18.74	18.72	20.18
	GPRS 1 Tx slot	24.76	24.77	24.75	26.20				
DTM Multi-slot class 9	GSM 1 Tx slot	24.83	24.78	24.75	26.20	18.75	18.70	18.81	20.18
	GPRS 1 Tx slot	24.72	24.67	24.90	26.20				
DTM Multi-slot class 11	GSM 1 Tx slot	23.14	23.19	23.34	24.40	18.87	18.93	18.99	20.14
	GPRS 2 Tx slots	23.13	23.19	23.21	24.40				
DTM Multi-slot class 5	GSM 1 Tx slot	24.93	24.78	24.97	26.20	17.85	17.73	17.87	19.22
	EDGE 1 Tx slot	22.47	22.39	22.44	24.00				
DTM Multi-slot class 9	GSM 1 Tx slot	24.96	24.83	24.87	26.20	17.87	17.73	17.81	19.22
	EDGE 1 Tx slot	22.46	22.31	22.45	24.00				
DTM Multi-slot class 11	GSM 1 Tx slot	23.22	23.12	23.25	24.40	17.69	17.55	17.62	18.80
	EDGE 2 Tx slots	21.14	20.96	20.98	22.20				

GSM1900_ANT 2(DSI10)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		25.60	25.82	25.63	26.30	16.60	16.82	16.63	17.30
GPRS 1 Tx slot		25.60	25.86	25.67	26.30	16.60	16.86	16.67	17.30
GPRS 2 Tx slots		22.47	22.81	22.61	23.30	16.47	16.81	16.61	17.30
GPRS 3 Tx slots		20.51	20.87	20.70	21.50	16.25	16.61	16.44	17.24
GPRS 4 Tx slots		19.71	19.73	19.40	20.30	16.71	16.73	16.40	17.30
EDGE 1 Tx slot		25.15	25.32	25.24	25.80	16.15	16.32	16.24	16.80
EDGE 2 Tx slots		22.21	22.45	22.34	22.80	16.21	16.45	16.34	16.80
EDGE 3 Tx slots		19.72	19.96	19.84	20.80	15.46	15.70	15.58	16.54
EDGE 4 Tx slots		19.31	19.37	19.33	19.80	16.31	16.37	16.33	16.80
DTM Multi-slot class 5	GSM 1 Tx slot	22.36	22.83	22.49	23.30	16.38	16.74	16.47	17.28
	GPRS 1 Tx slot	22.44	22.69	22.50	23.30				
DTM Multi-slot class 9	GSM 1 Tx slot	22.46	22.73	22.55	23.30	16.38	16.71	16.53	17.28
	GPRS 1 Tx slot	22.35	22.74	22.55	23.30				
DTM Multi-slot class 11	GSM 1 Tx slot	20.46	20.90	20.81	21.50	16.25	16.67	16.54	17.24
	GPRS 2 Tx slots	20.54	20.94	20.80	21.50				
DTM Multi-slot class 5	GSM 1 Tx slot	22.45	22.76	22.62	23.30	16.18	16.48	16.33	17.04
	EDGE 1 Tx slot	21.93	22.22	22.07	22.80				
DTM Multi-slot class 9	GSM 1 Tx slot	22.43	22.84	22.60	23.30	16.18	16.47	16.35	17.04
	EDGE 1 Tx slot	21.96	22.12	22.12	22.80				
DTM Multi-slot class 11	GSM 1 Tx slot	20.58	20.90	20.69	21.50	15.61	15.85	15.73	16.79
	EDGE 2 Tx slots	19.46	19.65	19.60	20.80				

Band		WCDMA II_ANT 2(DSI10)			Tune-up Limit (dBm)	WCDMA IV_ANT 2(DSI10)			Tune-up Limit (dBm)	WCDMA V_ANT 0(DSI10)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.52	18.63	18.48	19.30	18.66	18.77	18.75	19.30	21.31	21.24	21.25	22.30
3GPP Rel 99	RMC 12.2Kbps	18.54	18.65	18.52	19.30	18.69	18.80	18.78	19.30	21.33	21.27	21.28	22.30
3GPP Rel 6	HSDPA Subtest-1	17.24	17.60	17.34	18.30	17.31	17.50	17.38	18.30	20.06	20.06	19.99	21.00
3GPP Rel 6	HSDPA Subtest-2	17.32	17.45	17.57	18.30	17.28	17.55	17.36	18.30	20.08	19.98	19.98	21.00
3GPP Rel 6	HSDPA Subtest-3	16.89	16.98	17.12	18.30	16.78	16.95	16.86	18.30	19.51	19.50	19.55	21.00
3GPP Rel 6	HSDPA Subtest-4	16.78	16.89	16.79	18.30	16.76	16.96	16.84	18.30	19.56	19.48	19.53	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.19	17.40	17.21	18.30	17.08	17.35	17.06	18.30	19.88	19.97	19.83	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.31	17.17	17.55	18.30	17.18	17.17	17.23	18.30	20.67	20.53	20.63	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.60	16.95	16.73	18.30	16.68	16.85	16.81	18.30	20.08	20.14	20.12	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.94	17.05	16.77	18.30	16.71	16.95	16.74	18.30	20.18	20.21	20.09	21.00
3GPP Rel 6	HSUPA Subtest-1	17.43	17.78	17.35	19.30	17.34	17.55	17.41	19.30	20.02	20.04	19.95	22.00
3GPP Rel 6	HSUPA Subtest-2	15.69	15.75	15.73	17.30	14.13	14.33	14.23	15.30	18.04	18.00	17.89	20.00
3GPP Rel 6	HSUPA Subtest-3	16.66	16.47	16.63	17.30	15.04	15.20	15.09	15.30	19.01	19.00	18.95	20.00
3GPP Rel 6	HSUPA Subtest-4	15.50	15.65	15.58	17.30	14.18	14.40	14.27	15.30	18.02	17.98	17.96	20.00
3GPP Rel 6	HSUPA Subtest-5	17.59	17.70	17.67	19.30	17.33	17.52	17.41	19.30	20.02	20.01	20.02	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.61	16.58	16.47	17.30	16.56	16.75	16.58	17.30	19.66	19.71	19.62	20.80

GSM850_ANT 0(DSI15)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		28.00	27.61	28.08	29.20	19.00	18.61	19.08	20.20
GPRS 1 Tx slot		27.98	27.58	28.05	29.20	18.98	18.58	19.05	20.20
GPRS 2 Tx slots		24.86	24.77	24.88	26.20	18.86	18.77	18.88	20.20
GPRS 3 Tx slots		23.16	23.16	23.22	24.40	18.90	18.90	18.96	20.14
GPRS 4 Tx slots		21.88	21.47	21.77	23.20	18.88	18.47	18.77	20.20
EDGE 1 Tx slot		24.68	24.97	25.11	26.00	15.68	15.97	16.11	17.00
EDGE 2 Tx slots		22.79	22.62	22.77	24.00	16.79	16.62	16.77	18.00
EDGE 3 Tx slots		21.39	21.26	21.32	22.20	17.13	17.00	17.06	17.94
EDGE 4 Tx slots		20.55	20.58	20.54	21.50	17.55	17.58	17.54	18.50
DTM Multi-slot class 5	GSM 1 Tx slot	24.87	24.75	24.73	26.20	18.79	18.74	18.72	20.18
	GPRS 1 Tx slot	24.76	24.77	24.75	26.20				
DTM Multi-slot class 9	GSM 1 Tx slot	24.83	24.78	24.75	26.20	18.75	18.70	18.81	20.18
	GPRS 1 Tx slot	24.72	24.67	24.90	26.20				
DTM Multi-slot class 11	GSM 1 Tx slot	23.14	23.19	23.34	24.40	18.87	18.93	18.99	20.14
	GPRS 2 Tx slots	23.13	23.19	23.21	24.40				
DTM Multi-slot class 5	GSM 1 Tx slot	24.93	24.78	24.97	26.20	17.85	17.73	17.87	19.22
	EDGE 1 Tx slot	22.47	22.39	22.44	24.00				
DTM Multi-slot class 9	GSM 1 Tx slot	24.96	24.83	24.87	26.20	17.87	17.73	17.81	19.22
	EDGE 1 Tx slot	22.46	22.31	22.45	24.00				
DTM Multi-slot class 11	GSM 1 Tx slot	23.22	23.12	23.25	24.40	17.69	17.55	17.62	18.80
	EDGE 2 Tx slots	21.14	20.96	20.98	22.20				

GSM1900_ANT 2(DSI15)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		25.60	25.82	25.63	26.30	16.60	16.82	16.63	17.30
GPRS 1 Tx slot		25.60	25.86	25.67	26.30	16.60	16.86	16.67	17.30
GPRS 2 Tx slots		22.47	22.81	22.61	23.30	16.47	16.81	16.61	17.30
GPRS 3 Tx slots		20.51	20.87	20.70	21.50	16.25	16.61	16.44	17.24
GPRS 4 Tx slots		19.71	19.73	19.40	20.30	16.71	16.73	16.40	17.30
EDGE 1 Tx slot		25.15	25.32	25.24	25.80	16.15	16.32	16.24	16.80
EDGE 2 Tx slots		22.21	22.45	22.34	22.80	16.21	16.45	16.34	16.80
EDGE 3 Tx slots		19.72	19.96	19.84	20.80	15.46	15.70	15.58	16.54
EDGE 4 Tx slots		19.31	19.37	19.33	19.80	16.31	16.37	16.33	16.80
DTM Multi-slot class 5	GSM 1 Tx slot	22.36	22.83	22.49	23.30	16.38	16.74	16.47	17.28
	GPRS 1 Tx slot	22.44	22.69	22.50	23.30				
DTM Multi-slot class 9	GSM 1 Tx slot	22.46	22.73	22.55	23.30	16.38	16.71	16.53	17.28
	GPRS 1 Tx slot	22.35	22.74	22.55	23.30				
DTM Multi-slot class 11	GSM 1 Tx slot	20.46	20.90	20.81	21.50	16.25	16.67	16.54	17.24
	GPRS 2 Tx slots	20.54	20.94	20.80	21.50				
DTM Multi-slot class 5	GSM 1 Tx slot	22.45	22.76	22.62	23.30	16.18	16.48	16.33	17.04
	EDGE 1 Tx slot	21.93	22.22	22.07	22.80				
DTM Multi-slot class 9	GSM 1 Tx slot	22.43	22.84	22.60	23.30	16.18	16.47	16.35	17.04
	EDGE 1 Tx slot	21.96	22.12	22.12	22.80				
DTM Multi-slot class 11	GSM 1 Tx slot	20.58	20.90	20.69	21.50	15.61	15.85	15.73	16.79
	EDGE 2 Tx slots	19.46	19.65	19.60	20.80				

Band		WCDMA II_ANT 2(DSI15)			Tune-up Limit (dBm)	WCDMA IV_ANT 2(DSI15)			Tune-up Limit (dBm)	WCDMA V_ANT 0(DSI15)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.52	18.63	18.48	19.30	18.66	18.77	18.75	19.30	21.31	21.24	21.25	22.30
3GPP Rel 99	RMC 12.2Kbps	18.54	18.65	18.52	19.30	18.69	18.80	18.78	19.30	21.33	21.27	21.28	22.30
3GPP Rel 6	HSDPA Subtest-1	17.24	17.60	17.34	18.30	17.31	17.50	17.38	18.30	20.06	20.06	19.99	21.00
3GPP Rel 6	HSDPA Subtest-2	17.32	17.45	17.57	18.30	17.28	17.55	17.36	18.30	20.08	19.98	19.98	21.00
3GPP Rel 6	HSDPA Subtest-3	16.89	16.98	17.12	18.30	16.78	16.95	16.86	18.30	19.51	19.50	19.55	21.00
3GPP Rel 6	HSDPA Subtest-4	16.78	16.89	16.79	18.30	16.76	16.96	16.84	18.30	19.56	19.48	19.53	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.19	17.40	17.21	18.30	17.08	17.35	17.06	18.30	19.88	19.97	19.83	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.31	17.17	17.55	18.30	17.18	17.17	17.23	18.30	20.67	20.53	20.63	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.60	16.95	16.73	18.30	16.68	16.85	16.81	18.30	20.08	20.14	20.12	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.94	17.05	16.77	18.30	16.71	16.95	16.74	18.30	20.18	20.21	20.09	21.00
3GPP Rel 6	HSUPA Subtest-1	17.43	17.78	17.35	19.30	17.34	17.55	17.41	19.30	20.02	20.04	19.95	22.00
3GPP Rel 6	HSUPA Subtest-2	15.69	15.75	15.73	17.30	14.13	14.33	14.23	15.30	18.04	18.00	17.89	20.00
3GPP Rel 6	HSUPA Subtest-3	16.66	16.47	16.63	17.30	15.04	15.20	15.09	15.30	19.01	19.00	18.95	20.00
3GPP Rel 6	HSUPA Subtest-4	15.50	15.65	15.58	17.30	14.18	14.40	14.27	15.30	18.02	17.98	17.96	20.00
3GPP Rel 6	HSUPA Subtest-5	17.59	17.70	17.67	19.30	17.33	17.52	17.41	19.30	20.02	20.01	20.02	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.61	16.58	16.47	17.30	16.56	16.75	16.58	17.30	19.66	19.71	19.62	20.80

GSM850_ANT 0(DSI17)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		31.74	32.15	31.99	33.00	22.74	23.15	22.99	24.00
GPRS 1 Tx slot		31.73	32.13	31.98	33.00	22.73	23.13	22.98	24.00
GPRS 2 Tx slots		28.75	28.90	29.07	30.00	22.75	22.90	23.07	24.00
GPRS 3 Tx slots		27.03	27.16	27.31	28.20	22.77	22.90	23.05	23.94
GPRS 4 Tx slots		26.05	25.90	25.95	27.00	23.05	22.90	22.95	24.00
EDGE 1 Tx slot		24.68	24.97	25.11	26.00	15.68	15.97	16.11	17.00
EDGE 2 Tx slots		22.79	22.62	22.77	24.00	16.79	16.62	16.77	18.00
EDGE 3 Tx slots		21.39	21.26	21.32	22.20	17.13	17.00	17.06	17.94
EDGE 4 Tx slots		20.55	20.58	20.54	21.50	17.55	17.58	17.54	18.50
DTM Multi-slot class 5	GSM 1 Tx slot	28.64	28.86	28.93	30.00	22.64	22.80	22.91	23.98
	GPRS 1 Tx slot	28.69	28.78	28.93	30.00				
DTM Multi-slot class 9	GSM 1 Tx slot	28.71	28.88	29.00	30.00	22.65	22.83	22.98	23.98
	GPRS 1 Tx slot	28.63	28.82	29.01	30.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.01	27.28	27.38	28.20	22.82	22.96	23.05	23.94
	GPRS 2 Tx slots	27.11	27.19	27.28	28.20				
DTM Multi-slot class 5	GSM 1 Tx slot	28.83	28.90	29.16	30.00	20.72	20.73	20.98	21.94
	EDGE 1 Tx slot	22.54	22.33	22.53	24.00				
DTM Multi-slot class 9	GSM 1 Tx slot	28.78	28.96	29.11	30.00	20.66	20.77	20.92	21.94
	EDGE 1 Tx slot	22.45	22.28	22.41	24.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.10	27.26	27.30	28.20	19.81	19.92	19.95	20.94
	EDGE 2 Tx slots	21.03	21.04	21.03	22.20				

GSM1900_ANT 2(DSI17)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		30.01	30.22	30.15	30.80	21.01	21.22	21.15	21.80
GPRS 1 Tx slot		30.08	30.31	30.19	30.80	21.08	21.31	21.19	21.80
GPRS 2 Tx slots		26.51	26.72	26.43	27.80	20.51	20.72	20.43	21.80
GPRS 3 Tx slots		24.90	24.92	24.68	26.00	20.64	20.66	20.42	21.74
GPRS 4 Tx slots		23.85	23.91	23.86	24.80	20.85	20.91	20.86	21.80
EDGE 1 Tx slot		24.99	25.24	25.03	25.80	15.99	16.24	16.03	16.80
EDGE 2 Tx slots		24.04	24.21	23.91	24.80	18.04	18.21	17.91	18.80
EDGE 3 Tx slots		22.37	22.05	22.06	22.80	18.11	17.79	17.80	18.54
EDGE 4 Tx slots		21.69	21.24	21.11	22.30	18.69	18.24	18.11	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	26.45	26.62	26.40	27.80	20.43	20.61	20.34	21.78
	GPRS 1 Tx slot	26.45	26.64	26.33	27.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.51	26.73	26.31	27.80	20.46	20.69	20.26	21.78
	GPRS 1 Tx slot	26.46	26.70	26.26	27.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.87	24.92	24.79	26.00	20.61	20.71	20.48	21.74
	GPRS 2 Tx slots	24.87	25.00	24.72	26.00				
DTM Multi-slot class 5	GSM 1 Tx slot	26.56	26.77	26.51	27.80	19.36	19.55	19.25	20.53
	EDGE 1 Tx slot	23.77	23.92	23.54	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.51	26.82	26.49	27.80	19.33	19.59	19.27	20.53
	EDGE 1 Tx slot	23.76	23.92	23.64	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.91	24.88	24.66	26.00	18.97	18.83	18.68	19.89
	EDGE 2 Tx slots	22.05	21.82	21.74	22.80				

Band		WCDMA II_ANT 2(DSI17)			Tune-up Limit (dBm)	WCDMA IV_ANT 2(DSI17)			Tune-up Limit (dBm)	WCDMA V_ANT 0(DSI17)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.49	20.60	20.45	21.30	21.66	21.77	21.76	22.30	20.84	20.79	20.76	21.80
3GPP Rel 99	RMC 12.2Kbps	20.50	20.63	20.48	21.30	21.68	21.79	21.78	22.30	20.87	20.80	20.81	21.80
3GPP Rel 6	HSDPA Subtest-1	19.15	19.18	19.23	20.30	20.32	20.30	20.33	21.30	20.01	20.17	20.02	20.50
3GPP Rel 6	HSDPA Subtest-2	19.45	19.19	19.30	20.30	20.20	20.46	20.31	21.30	20.14	19.92	20.13	20.50
3GPP Rel 6	HSDPA Subtest-3	18.62	18.81	18.78	20.30	19.90	19.78	19.91	21.30	19.61	19.61	19.55	20.50
3GPP Rel 6	HSDPA Subtest-4	18.52	18.84	18.91	20.30	19.72	19.95	19.74	21.30	19.53	19.41	19.70	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.15	19.31	19.22	20.30	20.24	20.24	20.05	21.30	19.81	19.98	20.01	20.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.26	19.21	19.42	20.30	20.27	19.94	20.31	21.30	20.02	20.06	20.04	20.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.42	18.68	18.59	20.30	19.72	19.70	19.73	21.30	20.00	20.14	20.30	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.71	18.65	18.69	20.30	19.66	19.98	19.83	21.30	20.27	20.33	20.15	20.50
3GPP Rel 6	HSUPA Subtest-1	19.33	19.73	19.47	21.30	20.30	20.36	20.38	22.30	20.07	20.08	19.99	21.50
3GPP Rel 6	HSUPA Subtest-2	17.42	17.71	17.83	19.30	17.20	17.28	17.17	18.30	17.95	18.16	17.83	19.50
3GPP Rel 6	HSUPA Subtest-3	18.22	18.29	18.39	19.30	18.14	18.13	18.22	18.30	19.15	18.91	19.05	19.50
3GPP Rel 6	HSUPA Subtest-4	17.35	17.73	17.71	19.30	17.16	17.39	17.31	18.30	18.20	18.11	18.03	19.50
3GPP Rel 6	HSUPA Subtest-5	19.67	19.63	19.39	21.30	20.45	20.45	20.42	22.30	20.10	20.12	19.98	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.68	18.80	18.85	19.30	19.45	19.55	19.51	20.30	19.73	19.65	19.67	20.30

GSM850_ANT 0(DSI1)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		31.74	32.15	31.99	33.00	22.74	23.15	22.99	24.00
GPRS 1 Tx slot		31.73	32.13	31.98	33.00	22.73	23.13	22.98	24.00
GPRS 2 Tx slots		28.75	28.90	29.07	30.00	22.75	22.90	23.07	24.00
GPRS 3 Tx slots		27.03	27.16	27.31	28.20	22.77	22.90	23.05	23.94
GPRS 4 Tx slots		26.05	25.90	25.95	27.00	23.05	22.90	22.95	24.00
EDGE 1 Tx slot		24.68	24.97	25.11	26.00	15.68	15.97	16.11	17.00
EDGE 2 Tx slots		22.79	22.62	22.77	24.00	16.79	16.62	16.77	18.00
EDGE 3 Tx slots		21.39	21.26	21.32	22.20	17.13	17.00	17.06	17.94
EDGE 4 Tx slots		20.55	20.58	20.54	21.50	17.55	17.58	17.54	18.50
DTM Multi-slot class 5	GSM 1 Tx slot	28.64	28.86	28.93	30.00	22.64	22.80	22.91	23.98
	GPRS 1 Tx slot	28.69	28.78	28.93	30.00				
DTM Multi-slot class 9	GSM 1 Tx slot	28.71	28.88	29.00	30.00	22.65	22.83	22.98	23.98
	GPRS 1 Tx slot	28.63	28.82	29.01	30.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.01	27.28	27.38	28.20	22.82	22.96	23.05	23.94
	GPRS 2 Tx slots	27.11	27.19	27.28	28.20				
DTM Multi-slot class 5	GSM 1 Tx slot	28.83	28.90	29.16	30.00	20.72	20.73	20.98	21.94
	EDGE 1 Tx slot	22.54	22.33	22.53	24.00				
DTM Multi-slot class 9	GSM 1 Tx slot	28.78	28.96	29.11	30.00	20.66	20.77	20.92	21.94
	EDGE 1 Tx slot	22.45	22.28	22.41	24.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.10	27.26	27.30	28.20	19.81	19.92	19.95	20.94
	EDGE 2 Tx slots	21.03	21.04	21.03	22.20				

GSM1900_ANT 2(DSI1)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		30.01	30.22	30.15	30.80	21.01	21.22	21.15	21.80
GPRS 1 Tx slot		30.08	30.31	30.19	30.80	21.08	21.31	21.19	21.80
GPRS 2 Tx slots		26.51	26.72	26.43	27.80	20.51	20.72	20.43	21.80
GPRS 3 Tx slots		24.90	24.92	24.68	26.00	20.64	20.66	20.42	21.74
GPRS 4 Tx slots		23.85	23.91	23.86	24.80	20.85	20.91	20.86	21.80
EDGE 1 Tx slot		24.99	25.24	25.03	25.80	15.99	16.24	16.03	16.80
EDGE 2 Tx slots		24.04	24.21	23.91	24.80	18.04	18.21	17.91	18.80
EDGE 3 Tx slots		22.37	22.05	22.06	22.80	18.11	17.79	17.80	18.54
EDGE 4 Tx slots		21.69	21.24	21.11	22.30	18.69	18.24	18.11	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	26.45	26.62	26.40	27.80	20.43	20.61	20.34	21.78
	GPRS 1 Tx slot	26.45	26.64	26.33	27.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.51	26.73	26.31	27.80	20.46	20.69	20.26	21.78
	GPRS 1 Tx slot	26.46	26.70	26.26	27.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.87	24.92	24.79	26.00	20.61	20.71	20.48	21.74
	GPRS 2 Tx slots	24.87	25.00	24.72	26.00				
DTM Multi-slot class 5	GSM 1 Tx slot	26.56	26.77	26.51	27.80	19.36	19.55	19.25	20.53
	EDGE 1 Tx slot	23.77	23.92	23.54	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.51	26.82	26.49	27.80	19.33	19.59	19.27	20.53
	EDGE 1 Tx slot	23.76	23.92	23.64	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.91	24.88	24.66	26.00	18.97	18.83	18.68	19.89
	EDGE 2 Tx slots	22.05	21.82	21.74	22.80				

Band		WCDMA II_ANT 2(DSI1)			Tune-up Limit (dBm)	WCDMA IV_ANT 2(DSI1)			Tune-up Limit (dBm)	WCDMA V_ANT 0(DSI1)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.96	21.10	20.97	21.80	22.14	22.22	22.21	22.80	23.01	23.00	22.99	24.30
3GPP Rel 99	RMC 12.2Kbps	20.99	21.12	20.99	21.80	22.15	22.25	22.23	22.80	23.03	23.01	23.01	24.30
3GPP Rel 6	HSDPA Subtest-1	19.69	20.00	19.92	20.80	20.78	20.90	21.05	21.80	22.06	22.06	21.99	23.00
3GPP Rel 6	HSDPA Subtest-2	19.78	19.93	20.07	20.80	20.76	20.81	20.79	21.80	22.08	21.98	21.98	23.00
3GPP Rel 6	HSDPA Subtest-3	19.46	19.47	19.71	20.80	20.63	20.43	20.22	21.80	21.51	21.50	21.55	23.00
3GPP Rel 6	HSDPA Subtest-4	19.48	19.39	19.52	20.80	20.48	20.72	20.71	21.80	21.56	21.48	21.53	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.76	19.89	19.54	20.80	20.48	20.58	20.40	21.80	21.88	21.97	21.83	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.77	19.70	19.85	20.80	20.80	20.68	20.92	21.80	22.67	22.53	22.63	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.04	19.47	19.20	20.80	20.04	20.07	20.42	21.80	22.08	22.14	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.58	19.50	19.22	20.80	20.22	20.30	20.33	21.80	22.18	22.21	22.09	23.00
3GPP Rel 6	HSUPA Subtest-1	20.00	20.24	19.91	21.80	21.07	20.96	20.80	22.80	22.02	22.04	21.95	24.00
3GPP Rel 6	HSUPA Subtest-2	18.40	18.38	18.31	19.80	17.57	17.52	17.91	18.80	20.04	20.00	19.89	22.00
3GPP Rel 6	HSUPA Subtest-3	19.07	19.16	19.19	19.80	18.49	18.64	18.75	18.80	21.01	21.00	20.95	22.00
3GPP Rel 6	HSUPA Subtest-4	17.98	18.18	18.15	19.80	17.58	18.03	17.71	18.80	20.02	19.98	19.96	22.00
3GPP Rel 6	HSUPA Subtest-5	20.10	20.24	20.20	21.80	20.80	20.85	20.97	22.80	22.02	22.01	22.02	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.12	19.25	18.90	19.80	20.04	20.23	19.83	20.80	21.66	21.71	21.62	22.80

GSM850_ANT 0(DSI6&11)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		31.74	32.15	31.99	33.00	22.74	23.15	22.99	24.00
GPRS 1 Tx slot		31.73	32.13	31.98	33.00	22.73	23.13	22.98	24.00
GPRS 2 Tx slots		28.75	28.90	29.07	30.00	22.75	22.90	23.07	24.00
GPRS 3 Tx slots		27.03	27.16	27.31	28.20	22.77	22.90	23.05	23.94
GPRS 4 Tx slots		26.05	25.90	25.95	27.00	23.05	22.90	22.95	24.00
EDGE 1 Tx slot		24.68	24.97	25.11	26.00	15.68	15.97	16.11	17.00
EDGE 2 Tx slots		22.79	22.62	22.77	24.00	16.79	16.62	16.77	18.00
EDGE 3 Tx slots		21.39	21.26	21.32	22.20	17.13	17.00	17.06	17.94
EDGE 4 Tx slots		20.55	20.58	20.54	21.50	17.55	17.58	17.54	18.50
DTM Multi-slot class 5	GSM 1 Tx slot	28.64	28.86	28.93	30.00	22.64	22.80	22.91	23.98
	GPRS 1 Tx slot	28.69	28.78	28.93	30.00				
DTM Multi-slot class 9	GSM 1 Tx slot	28.71	28.88	29.00	30.00	22.65	22.83	22.98	23.98
	GPRS 1 Tx slot	28.63	28.82	29.01	30.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.01	27.28	27.38	28.20	22.82	22.96	23.05	23.94
	GPRS 2 Tx slots	27.11	27.19	27.28	28.20				
DTM Multi-slot class 5	GSM 1 Tx slot	28.83	28.90	29.16	30.00	20.72	20.73	20.98	21.94
	EDGE 1 Tx slot	22.54	22.33	22.53	24.00				
DTM Multi-slot class 9	GSM 1 Tx slot	28.78	28.96	29.11	30.00	20.66	20.77	20.92	21.94
	EDGE 1 Tx slot	22.45	22.28	22.41	24.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.10	27.26	27.30	28.20	19.81	19.92	19.95	20.94
	EDGE 2 Tx slots	21.03	21.04	21.03	22.20				

GSM1900_ANT 2(DSI6&11)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		30.01	30.22	30.15	30.80	21.01	21.22	21.15	21.80
GPRS 1 Tx slot		30.08	30.31	30.19	30.80	21.08	21.31	21.19	21.80
GPRS 2 Tx slots		26.51	26.72	26.43	27.80	20.51	20.72	20.43	21.80
GPRS 3 Tx slots		24.90	24.92	24.68	26.00	20.64	20.66	20.42	21.74
GPRS 4 Tx slots		23.85	23.91	23.86	24.80	20.85	20.91	20.86	21.80
EDGE 1 Tx slot		24.99	25.24	25.03	25.80	15.99	16.24	16.03	16.80
EDGE 2 Tx slots		24.04	24.21	23.91	24.80	18.04	18.21	17.91	18.80
EDGE 3 Tx slots		22.37	22.05	22.06	22.80	18.11	17.79	17.80	18.54
EDGE 4 Tx slots		21.69	21.24	21.11	22.30	18.69	18.24	18.11	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	26.45	26.62	26.40	27.80	20.43	20.61	20.34	21.78
	GPRS 1 Tx slot	26.45	26.64	26.33	27.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.51	26.73	26.31	27.80	20.46	20.69	20.26	21.78
	GPRS 1 Tx slot	26.46	26.70	26.26	27.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.87	24.92	24.79	26.00	20.61	20.71	20.48	21.74
	GPRS 2 Tx slots	24.87	25.00	24.72	26.00				
DTM Multi-slot class 5	GSM 1 Tx slot	26.56	26.77	26.51	27.80	19.36	19.55	19.25	20.53
	EDGE 1 Tx slot	23.77	23.92	23.54	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.51	26.82	26.49	27.80	19.33	19.59	19.27	20.53
	EDGE 1 Tx slot	23.76	23.92	23.64	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.91	24.88	24.66	26.00	18.97	18.83	18.68	19.89
	EDGE 2 Tx slots	22.05	21.82	21.74	22.80				

Band		WCDMA II_ANT 2(DSI6&11)			Tune-up Limit (dBm)	WCDMA IV_ANT 2(DSI6&11)			Tune-up Limit (dBm)	WCDMA V_ANT 0(DSI6&11)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.01	20.13	20.06	20.80	21.15	21.24	21.23	21.80	23.01	23.00	22.99	24.30
3GPP Rel 99	RMC 12.2Kbps	20.03	20.17	20.09	20.80	21.18	21.26	21.25	21.80	23.03	23.01	23.01	24.30
3GPP Rel 6	HSDPA Subtest-1	18.70	19.04	19.16	19.80	19.80	20.00	20.02	20.80	22.06	22.06	21.99	23.00
3GPP Rel 6	HSDPA Subtest-2	18.84	18.98	19.18	19.80	19.89	19.81	19.70	20.80	22.08	21.98	21.98	23.00
3GPP Rel 6	HSDPA Subtest-3	18.52	18.37	18.65	19.80	19.73	19.44	19.58	20.80	21.51	21.50	21.55	23.00
3GPP Rel 6	HSDPA Subtest-4	18.55	18.37	18.68	19.80	19.46	19.69	19.82	20.80	21.56	21.48	21.53	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	18.70	19.01	18.70	19.80	19.61	19.57	19.30	20.80	21.88	21.97	21.83	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.97	18.69	18.93	19.80	19.78	19.63	19.93	20.80	22.67	22.53	22.63	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.04	18.46	18.31	19.80	18.98	19.16	19.17	20.80	22.08	22.14	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.55	18.63	18.29	19.80	19.10	19.46	19.37	20.80	22.18	22.21	22.09	23.00
3GPP Rel 6	HSUPA Subtest-1	19.11	19.31	19.04	20.80	20.08	20.07	19.82	21.80	22.02	22.04	21.95	24.00
3GPP Rel 6	HSUPA Subtest-2	17.48	17.36	17.38	18.80	16.43	16.42	16.52	17.80	20.04	20.00	19.89	22.00
3GPP Rel 6	HSUPA Subtest-3	18.07	18.26	18.30	18.80	17.44	17.50	17.51	17.80	21.01	21.00	20.95	22.00
3GPP Rel 6	HSUPA Subtest-4	16.98	17.31	17.16	18.80	16.49	16.80	16.74	17.80	20.02	19.98	19.96	22.00
3GPP Rel 6	HSUPA Subtest-5	19.17	19.27	19.36	20.80	19.85	19.84	20.12	21.80	22.02	22.01	22.02	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.31	18.30	18.03	18.80	18.92	19.25	18.79	19.80	21.66	21.71	21.62	22.80

Band 2_ANT 2(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.78	18.96	18.89	19.8	0
20	QPSK	1	49	18.70	18.95	18.81		
20	QPSK	1	99	18.76	18.90	18.88		
20	QPSK	50	0	18.94	18.95	18.94	19.8	0
20	QPSK	50	24	18.90	18.93	18.93		
20	QPSK	50	50	18.88	18.92	18.89		
20	QPSK	100	0	18.80	18.89	18.88		
20	16QAM	1	0	18.74	18.81	18.76	19.8	0
20	16QAM	1	49	18.82	18.80	18.78		
20	16QAM	1	99	18.75	18.70	18.70		
20	16QAM	50	0	18.86	18.70	18.82	19.8	0
20	16QAM	50	24	18.88	18.82	18.83		
20	16QAM	50	50	18.84	18.80	18.80		
20	16QAM	100	0	18.82	18.85	18.70		
20	64QAM	1	0	18.70	18.70	18.84	19.8	0
20	64QAM	1	49	18.79	18.73	18.78		
20	64QAM	1	99	18.63	18.88	18.76		
20	64QAM	50	0	18.81	18.70	18.86	19.8	0
20	64QAM	50	24	18.88	18.80	18.80		
20	64QAM	50	50	18.86	18.85	18.70		
20	64QAM	100	0	18.88	18.87	18.80		
20	256QAM	1	0	18.46	18.65	18.66	19.8	0
20	256QAM	1	49	18.38	18.56	18.57		
20	256QAM	1	99	18.48	18.52	18.47		
20	256QAM	50	0	18.46	18.36	18.44	19.8	0
20	256QAM	50	24	18.57	18.47	18.64		
20	256QAM	50	50	18.55	18.50	18.59		
20	256QAM	100	0	18.35	18.45	18.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.66	18.81	18.78	19.8	0
15	QPSK	1	37	18.84	18.70	18.74		
15	QPSK	1	74	18.59	18.90	18.67		
15	QPSK	36	0	18.90	18.80	18.70	19.8	0
15	QPSK	36	20	18.91	18.90	18.85		
15	QPSK	36	39	18.93	18.88	18.91		
15	QPSK	75	0	18.90	18.79	18.82		
15	16QAM	1	0	18.80	18.80	18.64	19.8	0
15	16QAM	1	37	18.88	18.70	18.77		
15	16QAM	1	74	18.84	18.85	18.70		
15	16QAM	36	0	18.76	18.80	18.84	19.8	0
15	16QAM	36	20	18.82	18.80	18.83		
15	16QAM	36	39	18.88	18.80	18.70		
15	16QAM	75	0	18.85	18.83	18.88		
15	64QAM	1	0	18.83	18.75	18.82	19.8	0
15	64QAM	1	37	18.86	18.77	18.86		
15	64QAM	1	74	18.80	18.73	18.70		
15	64QAM	36	0	18.85	18.85	18.85	19.8	0
15	64QAM	36	20	18.81	18.80	18.80		
15	64QAM	36	39	18.70	18.70	18.85		
15	64QAM	75	0	18.88	18.84	18.82		
15	256QAM	1	0	18.58	18.51	18.59	19.8	0
15	256QAM	1	37	18.73	18.68	18.72		
15	256QAM	1	74	18.57	18.73	18.66		
15	256QAM	36	0	18.60	18.48	18.55	19.8	0
15	256QAM	36	20	18.50	18.48	18.48		
15	256QAM	36	39	18.50	18.47	18.48		
15	256QAM	75	0	18.53	18.59	18.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.85	18.91	18.70	19.8	0
10	QPSK	1	25	18.80	18.70	18.70		
10	QPSK	1	49	18.79	18.70	18.85		
10	QPSK	25	0	18.80	18.70	18.80	19.8	0
10	QPSK	25	12	18.70	18.70	18.94		
10	QPSK	25	25	18.95	18.70	18.80		
10	QPSK	50	0	18.70	18.78	18.70		
10	16QAM	1	0	18.70	18.82	18.80	19.8	0
10	16QAM	1	25	18.85	18.74	18.78		
10	16QAM	1	49	18.72	18.70	18.85		
10	16QAM	25	0	18.70	18.70	18.84	19.8	0
10	16QAM	25	12	18.70	18.70	18.70		
10	16QAM	25	25	18.70	18.70	18.80		
10	16QAM	50	0	18.85	18.70	18.85		
10	64QAM	1	0	18.85	18.86	18.70	19.8	0
10	64QAM	1	25	18.76	18.73	18.87		
10	64QAM	1	49	18.70	18.70	18.82		
10	64QAM	25	0	18.70	18.70	18.88	19.8	0
10	64QAM	25	12	18.80	18.70	18.81		
10	64QAM	25	25	18.80	18.70	18.85		
10	64QAM	50	0	18.85	18.70	18.70		
10	256QAM	1	0	18.61	18.65	18.72	19.8	0
10	256QAM	1	25	18.56	18.55	18.58		
10	256QAM	1	49	18.53	18.62	18.59		
10	256QAM	25	0	18.54	18.60	18.57	19.8	0
10	256QAM	25	12	18.53	18.59	18.59		
10	256QAM	25	25	18.53	18.51	18.49		
10	256QAM	50	0	18.48	18.48	18.56		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.80	18.70	18.70	19.8	0
5	QPSK	1	12	18.89	18.70	18.85		
5	QPSK	1	24	18.85	18.71	18.82		
5	QPSK	12	0	18.70	18.79	18.90	19.8	0
5	QPSK	12	7	18.94	18.70	18.70		
5	QPSK	12	13	18.95	18.70	18.95		
5	QPSK	25	0	18.93	18.95	18.87		
5	16QAM	1	0	18.85	18.75	18.70	19.8	0
5	16QAM	1	12	18.81	18.73	18.85		
5	16QAM	1	24	18.71	18.83	18.81		
5	16QAM	12	0	18.70	18.70	18.70	19.8	0
5	16QAM	12	7	18.70	18.76	18.81		
5	16QAM	12	13	18.70	18.80	18.85		
5	16QAM	25	0	18.82	18.70	18.89		
5	64QAM	1	0	18.75	18.85	18.78	19.8	0
5	64QAM	1	12	18.75	18.89	18.71		
5	64QAM	1	24	18.74	18.77	18.70		
5	64QAM	12	0	18.80	18.70	18.80	19.8	0
5	64QAM	12	7	18.70	18.80	18.70		
5	64QAM	12	13	18.80	18.70	18.71		
5	64QAM	25	0	18.70	18.70	18.84		
5	256QAM	1	0	18.49	18.58	18.55	19.8	0
5	256QAM	1	12	18.73	18.64	18.62		
5	256QAM	1	24	18.54	18.57	18.58		
5	256QAM	12	0	18.67	18.70	18.56	19.8	0
5	256QAM	12	7	18.46	18.49	18.50		
5	256QAM	12	13	18.40	18.46	18.57		
5	256QAM	25	0	18.53	18.60	18.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.70	18.71	18.88	19.8	0
3	QPSK	1	8	18.70	18.92	18.91		
3	QPSK	1	14	18.84	18.90	18.69		
3	QPSK	8	0	18.93	18.70	18.70	19.8	0
3	QPSK	8	4	18.70	18.70	18.80		
3	QPSK	8	7	18.80	18.70	18.93		
3	QPSK	15	0	18.90	18.70	18.88		
3	16QAM	1	0	18.79	18.80	18.75	19.8	0
3	16QAM	1	8	18.76	18.73	18.89		
3	16QAM	1	14	18.72	18.72	18.74		
3	16QAM	8	0	18.70	18.72	18.70	19.8	0
3	16QAM	8	4	18.70	18.71	18.74		
3	16QAM	8	7	18.70	18.70	18.75		
3	16QAM	15	0	18.70	18.70	18.80		
3	64QAM	1	0	18.78	18.82	18.82	19.8	0
3	64QAM	1	8	18.76	18.71	18.70		
3	64QAM	1	14	18.85	18.75	18.70		
3	64QAM	8	0	18.70	18.75	18.72	19.8	0
3	64QAM	8	4	18.70	18.77	18.80		
3	64QAM	8	7	18.70	18.70	18.82		
3	64QAM	15	0	18.70	18.80	18.70		
3	256QAM	1	0	18.54	18.57	18.70	19.8	0
3	256QAM	1	8	18.63	18.69	18.56		
3	256QAM	1	14	18.62	18.61	18.59		
3	256QAM	8	0	18.61	18.60	18.53	19.8	0
3	256QAM	8	4	18.59	18.53	18.48		
3	256QAM	8	7	18.50	18.61	18.62		
3	256QAM	15	0	18.60	18.60	18.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.70	18.70	18.86	19.8	0
1.4	QPSK	1	3	18.70	18.73	18.70		
1.4	QPSK	1	5	18.91	18.70	18.71		
1.4	QPSK	3	0	18.70	18.70	18.94		
1.4	QPSK	3	1	18.70	18.80	18.90		
1.4	QPSK	3	3	18.89	18.72	18.84		
1.4	QPSK	6	0	18.94	18.95	18.90	19.8	0
1.4	16QAM	1	0	18.88	18.70	18.82	19.8	0
1.4	16QAM	1	3	18.78	18.87	18.77		
1.4	16QAM	1	5	18.72	18.76	18.71		
1.4	16QAM	3	0	18.78	18.74	18.76		
1.4	16QAM	3	1	18.72	18.77	18.70		
1.4	16QAM	3	3	18.70	18.82	18.83		
1.4	16QAM	6	0	18.83	18.70	18.70	19.8	0
1.4	64QAM	1	0	18.70	18.79	18.85	19.8	0
1.4	64QAM	1	3	18.70	18.82	18.72		
1.4	64QAM	1	5	18.84	18.82	18.70		
1.4	64QAM	3	0	18.72	18.78	18.78		
1.4	64QAM	3	1	18.70	18.70	18.72		
1.4	64QAM	3	3	18.83	18.70	18.70		
1.4	64QAM	6	0	18.80	18.71	18.80	19.8	0
1.4	256QAM	1	0	18.56	18.52	18.57	19.8	0
1.4	256QAM	1	3	18.74	18.64	18.63		
1.4	256QAM	1	5	18.58	18.52	18.68		
1.4	256QAM	3	0	18.70	18.56	18.50		
1.4	256QAM	3	1	18.65	18.59	18.51		
1.4	256QAM	3	3	18.53	18.64	18.51		
1.4	256QAM	6	0	18.66	18.55	18.58	19.8	0

Band 4_ANT 2(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.94	20.12	20.09	20.8	0
20	QPSK	1	49	19.93	20.07	20.08		
20	QPSK	1	99	19.90	19.92	19.85		
20	QPSK	50	0	20.00	19.82	19.84	20.8	0
20	QPSK	50	24	20.05	20.07	20.06		
20	QPSK	50	50	20.03	19.85	19.88		
20	QPSK	100	0	20.00	20.05	20.00		
20	16QAM	1	0	19.80	19.88	19.86	20.8	0
20	16QAM	1	49	19.96	19.86	19.85		
20	16QAM	1	99	19.81	19.86	19.85		
20	16QAM	50	0	20.01	19.81	19.84	20.8	0
20	16QAM	50	24	20.08	19.84	19.82		
20	16QAM	50	50	19.82	20.05	19.89		
20	16QAM	100	0	20.07	19.84	19.88		
20	64QAM	1	0	19.86	19.87	19.86	20.8	0
20	64QAM	1	49	19.87	19.82	20.08		
20	64QAM	1	99	19.83	19.97	19.88		
20	64QAM	50	0	19.81	20.05	19.89	20.8	0
20	64QAM	50	24	19.89	19.86	19.88		
20	64QAM	50	50	20.02	19.82	19.84		
20	64QAM	100	0	20.08	19.88	19.84		
20	256QAM	1	0	19.24	19.27	19.35	19.8	1
20	256QAM	1	49	19.29	19.17	19.37		
20	256QAM	1	99	19.39	19.26	19.37		
20	256QAM	50	0	19.27	19.00	19.30	19.8	1
20	256QAM	50	24	19.29	19.10	19.28		
20	256QAM	50	50	19.31	19.08	19.33		
20	256QAM	100	0	19.31	19.11	19.24		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.07	20.04	20.07	20.8	0
15	QPSK	1	37	19.95	19.82	19.86		
15	QPSK	1	74	19.89	19.86	20.03		
15	QPSK	36	0	19.85	20.02	19.81	20.8	0
15	QPSK	36	20	19.82	19.87	19.80		
15	QPSK	36	39	19.98	19.85	19.86		
15	QPSK	75	0	20.01	19.85	19.81		
15	16QAM	1	0	19.80	20.04	19.82	20.8	0
15	16QAM	1	37	19.95	19.85	19.87		
15	16QAM	1	74	19.81	19.81	19.89		
15	16QAM	36	0	20.07	20.08	19.85	20.8	0
15	16QAM	36	20	19.81	19.83	19.87		
15	16QAM	36	39	20.03	19.83	19.85		
15	16QAM	75	0	20.08	19.81	20.05		
15	64QAM	1	0	19.86	19.85	19.87	20.8	0
15	64QAM	1	37	19.82	19.81	19.86		
15	64QAM	1	74	19.82	20.00	19.81		
15	64QAM	36	0	19.82	19.84	19.85	20.8	0
15	64QAM	36	20	19.80	19.80	19.87		
15	64QAM	36	39	20.04	19.83	19.82		
15	64QAM	75	0	20.07	19.86	19.85		
15	256QAM	1	0	19.38	19.31	19.37	19.8	1
15	256QAM	1	37	19.37	19.39	19.36		
15	256QAM	1	74	19.31	19.33	19.28		
15	256QAM	36	0	19.36	19.33	19.35	19.8	1
15	256QAM	36	20	19.35	19.36	19.40		
15	256QAM	36	39	19.41	19.29	19.42		
15	256QAM	75	0	19.41	19.42	19.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.80	19.85	19.81	20.8	0
10	QPSK	1	25	19.81	19.89	19.84		
10	QPSK	1	49	19.85	20.01	19.86		
10	QPSK	25	0	19.84	19.83	19.84	20.8	0
10	QPSK	25	12	19.87	19.83	19.89		
10	QPSK	25	25	19.84	19.81	19.86		
10	QPSK	50	0	19.87	19.85	19.81		
10	16QAM	1	0	19.89	19.80	19.82	20.8	0
10	16QAM	1	25	19.86	19.84	19.86		
10	16QAM	1	49	19.87	19.80	19.85		
10	16QAM	25	0	19.80	19.87	19.88	20.8	0
10	16QAM	25	12	19.87	19.83	19.88		
10	16QAM	25	25	19.83	19.88	19.86		
10	16QAM	50	0	19.88	19.80	19.84		
10	64QAM	1	0	19.88	19.87	19.85	20.8	0
10	64QAM	1	25	19.83	19.87	19.82		
10	64QAM	1	49	19.86	19.87	19.83		
10	64QAM	25	0	19.85	19.80	19.80	20.8	0
10	64QAM	25	12	19.82	19.88	19.85		
10	64QAM	25	25	19.88	19.86	19.84		
10	64QAM	50	0	19.84	19.87	19.86		
10	256QAM	1	0	19.40	19.35	19.37	19.8	1
10	256QAM	1	25	19.34	19.29	19.38		
10	256QAM	1	49	19.34	19.36	19.30		
10	256QAM	25	0	19.44	19.30	19.43	19.8	1
10	256QAM	25	12	19.39	19.38	19.38		
10	256QAM	25	25	19.34	19.36	19.39		
10	256QAM	50	0	19.33	19.41	19.41		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.86	19.88	20.05	20.8	0
5	QPSK	1	12	19.82	19.84	19.88		
5	QPSK	1	24	19.87	19.88	19.82		
5	QPSK	12	0	20.05	19.85	19.80	20.8	0
5	QPSK	12	7	19.82	19.81	19.85		
5	QPSK	12	13	19.87	19.80	19.84		
5	QPSK	25	0	19.80	19.82	19.82		
5	16QAM	1	0	19.85	19.85	19.89	20.8	0
5	16QAM	1	12	19.86	19.84	19.80		
5	16QAM	1	24	19.84	19.82	19.84		
5	16QAM	12	0	19.82	19.84	19.85	20.8	0
5	16QAM	12	7	19.85	19.84	19.83		
5	16QAM	12	13	19.84	19.89	19.84		
5	16QAM	25	0	19.83	19.86	19.80		
5	64QAM	1	0	19.89	19.81	19.87	20.8	0
5	64QAM	1	12	19.83	19.87	19.87		
5	64QAM	1	24	19.86	19.86	19.87		
5	64QAM	12	0	19.84	19.87	19.81	20.8	0
5	64QAM	12	7	19.86	19.84	19.83		
5	64QAM	12	13	19.89	19.85	19.81		
5	64QAM	25	0	19.88	19.86	19.80		
5	256QAM	1	0	19.35	19.39	19.33	19.8	1
5	256QAM	1	12	19.37	19.35	19.37		
5	256QAM	1	24	19.42	19.40	19.33		
5	256QAM	12	0	19.31	19.38	19.30	19.8	1
5	256QAM	12	7	19.38	19.38	19.35		
5	256QAM	12	13	19.38	19.37	19.41		
5	256QAM	25	0	19.40	19.34	19.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.08	19.86	19.85	20.8	0
3	QPSK	1	8	20.05	20.08	19.80		
3	QPSK	1	14	19.82	20.05	19.80		
3	QPSK	8	0	19.89	19.87	19.87	20.8	0
3	QPSK	8	4	19.88	19.84	19.88		
3	QPSK	8	7	19.87	19.87	19.89		
3	QPSK	15	0	19.85	19.87	19.88		
3	16QAM	1	0	19.83	19.85	19.84	20.8	0
3	16QAM	1	8	19.87	19.84	19.82		
3	16QAM	1	14	19.88	19.80	19.87		
3	16QAM	8	0	19.86	19.84	19.85	20.8	0
3	16QAM	8	4	19.88	19.87	19.81		
3	16QAM	8	7	19.82	19.87	19.83		
3	16QAM	15	0	19.82	19.87	19.83		
3	64QAM	1	0	19.83	19.82	19.85	20.8	0
3	64QAM	1	8	19.83	19.87	19.84		
3	64QAM	1	14	19.88	19.87	20.03		
3	64QAM	8	0	19.82	19.80	19.88	20.8	0
3	64QAM	8	4	19.86	19.88	19.88		
3	64QAM	8	7	19.88	19.86	19.84		
3	64QAM	15	0	19.87	19.80	19.85		
3	256QAM	1	0	19.33	19.35	19.39	19.8	1
3	256QAM	1	8	19.35	19.31	19.35		
3	256QAM	1	14	19.37	19.37	19.38		
3	256QAM	8	0	19.36	19.38	19.37	19.8	1
3	256QAM	8	4	19.33	19.31	19.36		
3	256QAM	8	7	19.38	19.36	19.39		
3	256QAM	15	0	19.34	19.35	19.42		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.95	20.06	19.89	20.8	0
1.4	QPSK	1	3	19.82	19.89	19.84		
1.4	QPSK	1	5	19.94	19.80	19.85		
1.4	QPSK	3	0	19.86	19.80	19.89		
1.4	QPSK	3	1	19.88	19.85	19.82		
1.4	QPSK	3	3	19.81	19.84	19.88		
1.4	QPSK	6	0	20.09	19.89	19.87	20.8	0
1.4	16QAM	1	0	19.89	19.84	19.87	20.8	0
1.4	16QAM	1	3	19.83	19.89	19.80		
1.4	16QAM	1	5	19.86	19.84	19.80		
1.4	16QAM	3	0	19.82	19.82	19.80		
1.4	16QAM	3	1	19.85	19.83	19.85		
1.4	16QAM	3	3	19.87	19.82	19.83		
1.4	16QAM	6	0	19.80	19.84	19.82	20.8	0
1.4	64QAM	1	0	19.84	19.86	19.82	20.8	0
1.4	64QAM	1	3	19.83	19.86	19.80		
1.4	64QAM	1	5	19.89	19.81	19.87		
1.4	64QAM	3	0	20.04	19.84	19.87		
1.4	64QAM	3	1	19.87	19.81	19.87		
1.4	64QAM	3	3	19.82	19.80	19.80		
1.4	64QAM	6	0	19.81	19.85	19.80	20.8	0
1.4	256QAM	1	0	19.35	19.35	19.36	20.8	0
1.4	256QAM	1	3	19.33	19.32	19.44		
1.4	256QAM	1	5	19.34	19.40	19.39		
1.4	256QAM	3	0	19.36	19.36	19.33		
1.4	256QAM	3	1	19.42	19.33	19.35		
1.4	256QAM	3	3	19.32	19.41	19.35		
1.4	256QAM	6	0	19.33	19.38	19.34	20.8	0

Band 4_ANT 5(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.96	16.01	15.92	16.8	0
20	QPSK	1	49	15.95	15.98	15.90		
20	QPSK	1	99	15.93	15.89	15.89		
20	QPSK	50	0	15.96	15.98	15.94	16.8	0
20	QPSK	50	24	15.88	15.92	15.90		
20	QPSK	50	50	15.88	15.95	15.92		
20	QPSK	100	0	15.89	15.95	15.88		
20	16QAM	1	0	15.95	15.91	15.97	16.8	0
20	16QAM	1	49	15.98	15.87	15.91		
20	16QAM	1	99	15.93	15.86	15.90		
20	16QAM	50	0	15.97	15.93	15.96	16.8	0
20	16QAM	50	24	15.89	15.92	15.98		
20	16QAM	50	50	15.97	15.88	15.88		
20	16QAM	100	0	15.86	15.92	15.99		
20	64QAM	1	0	15.94	15.95	15.86	16.8	0
20	64QAM	1	49	15.99	15.94	15.95		
20	64QAM	1	99	15.93	15.89	15.93		
20	64QAM	50	0	15.97	15.99	15.92	16.8	0
20	64QAM	50	24	15.95	15.89	15.94		
20	64QAM	50	50	15.93	15.94	15.89		
20	64QAM	100	0	15.93	15.98	15.90		
20	256QAM	1	0	15.95	15.91	15.95	16.8	0
20	256QAM	1	49	15.88	15.95	15.96		
20	256QAM	1	99	15.96	15.95	15.98		
20	256QAM	50	0	15.94	15.87	15.86	16.8	0
20	256QAM	50	24	15.97	15.98	15.99		
20	256QAM	50	50	15.90	15.95	15.88		
20	256QAM	100	0	15.98	15.87	15.86		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.89	15.98	15.87	16.8	0
15	QPSK	1	37	15.86	15.91	15.80		
15	QPSK	1	74	15.94	15.82	15.83		
15	QPSK	36	0	15.89	15.85	15.82	16.8	0
15	QPSK	36	20	15.80	15.86	15.85		
15	QPSK	36	39	15.75	15.89	15.84		
15	QPSK	75	0	15.79	15.87	15.80		
15	16QAM	1	0	15.92	15.80	15.88	16.8	0
15	16QAM	1	37	15.91	15.78	15.78		
15	16QAM	1	74	15.83	15.80	15.87		
15	16QAM	36	0	15.89	15.83	15.83	16.8	0
15	16QAM	36	20	15.81	15.88	15.88		
15	16QAM	36	39	15.88	15.85	15.83		
15	16QAM	75	0	15.79	15.86	15.87		
15	64QAM	1	0	15.87	15.92	15.83	16.8	0
15	64QAM	1	37	15.86	15.88	15.91		
15	64QAM	1	74	15.86	15.77	15.90		
15	64QAM	36	0	15.86	15.92	15.86	16.8	0
15	64QAM	36	20	15.87	15.79	15.83		
15	64QAM	36	39	15.85	15.81	15.86		
15	64QAM	75	0	15.87	15.88	15.82		
15	256QAM	1	0	15.87	15.88	15.92	16.8	0
15	256QAM	1	37	15.82	15.86	15.84		
15	256QAM	1	74	15.85	15.84	15.91		
15	256QAM	36	0	15.86	15.81	15.76	16.8	0
15	256QAM	36	20	15.90	15.93	15.91		
15	256QAM	36	39	15.83	15.85	15.79		
15	256QAM	75	0	15.88	15.79	15.75		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.88	15.97	15.87	16.8	0
10	QPSK	1	25	15.86	15.88	15.85		
10	QPSK	1	49	15.92	15.84	15.78		
10	QPSK	25	0	15.87	15.89	15.83	16.8	0
10	QPSK	25	12	15.76	15.89	15.83		
10	QPSK	25	25	15.85	15.90	15.84		
10	QPSK	50	0	15.80	15.86	15.72		
10	16QAM	1	0	15.88	15.79	15.86	16.8	0
10	16QAM	1	25	15.94	15.77	15.83		
10	16QAM	1	49	15.85	15.73	15.87		
10	16QAM	25	0	15.89	15.85	15.86	16.8	0
10	16QAM	25	12	15.81	15.85	15.88		
10	16QAM	25	25	15.88	15.79	15.78		
10	16QAM	50	0	15.80	15.86	15.96		
10	64QAM	1	0	15.85	15.89	15.78	16.8	0
10	64QAM	1	25	15.89	15.87	15.88		
10	64QAM	1	49	15.86	15.86	15.86		
10	64QAM	25	0	15.87	15.88	15.82	16.8	0
10	64QAM	25	12	15.90	15.86	15.83		
10	64QAM	25	25	15.80	15.89	15.76		
10	64QAM	50	0	15.89	15.95	15.83		
10	256QAM	1	0	15.83	15.81	15.85	16.8	0
10	256QAM	1	25	15.82	15.83	15.84		
10	256QAM	1	49	15.85	15.84	15.92		
10	256QAM	25	0	15.87	15.79	15.73	16.8	0
10	256QAM	25	12	15.87	15.92	15.89		
10	256QAM	25	25	15.87	15.88	15.75		
10	256QAM	50	0	15.85	15.79	15.73		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.92	15.97	15.85	16.8	0
5	QPSK	1	12	15.85	15.87	15.80		
5	QPSK	1	24	15.89	15.76	15.83		
5	QPSK	12	0	15.89	15.93	15.80	16.8	0
5	QPSK	12	7	15.85	15.88	15.86		
5	QPSK	12	13	15.79	15.89	15.79		
5	QPSK	25	0	15.78	15.84	15.73		
5	16QAM	1	0	15.87	15.86	15.94	16.8	0
5	16QAM	1	12	15.89	15.84	15.78		
5	16QAM	1	24	15.90	15.74	15.84		
5	16QAM	12	0	15.86	15.83	15.92	16.8	0
5	16QAM	12	7	15.86	15.82	15.87		
5	16QAM	12	13	15.86	15.78	15.76		
5	16QAM	25	0	15.81	15.83	15.86		
5	64QAM	1	0	15.82	15.82	15.73	16.8	0
5	64QAM	1	12	15.96	15.90	15.84		
5	64QAM	1	24	15.84	15.78	15.83		
5	64QAM	12	0	15.85	15.94	15.86	16.8	0
5	64QAM	12	7	15.88	15.77	15.88		
5	64QAM	12	13	15.81	15.82	15.80		
5	64QAM	25	0	15.85	15.88	15.78		
5	256QAM	1	0	15.83	15.84	15.83	16.8	0
5	256QAM	1	12	15.80	15.90	15.93		
5	256QAM	1	24	15.85	15.89	15.88		
5	256QAM	12	0	15.83	15.78	15.77	16.8	0
5	256QAM	12	7	15.88	15.89	15.92		
5	256QAM	12	13	15.87	15.85	15.77		
5	256QAM	25	0	15.86	15.84	15.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.87	15.94	15.89	16.8	0
3	QPSK	1	8	15.82	15.92	15.82		
3	QPSK	1	14	15.94	15.86	15.83		
3	QPSK	8	0	15.89	15.91	15.80	16.8	0
3	QPSK	8	4	15.83	15.85	15.82		
3	QPSK	8	7	15.80	15.82	15.81		
3	QPSK	15	0	15.76	15.90	15.73		
3	16QAM	1	0	15.82	15.88	15.92	16.8	0
3	16QAM	1	8	15.95	15.78	15.84		
3	16QAM	1	14	15.83	15.82	15.83		
3	16QAM	8	0	15.86	15.89	15.86	16.8	0
3	16QAM	8	4	15.86	15.80	15.92		
3	16QAM	8	7	15.90	15.82	15.82		
3	16QAM	15	0	15.73	15.89	15.87		
3	64QAM	1	0	15.88	15.88	15.83	16.8	0
3	64QAM	1	8	15.94	15.86	15.89		
3	64QAM	1	14	15.85	15.76	15.89		
3	64QAM	8	0	15.93	15.89	15.89	16.8	0
3	64QAM	8	4	15.83	15.82	15.81		
3	64QAM	8	7	15.83	15.87	15.80		
3	64QAM	15	0	15.88	15.91	15.82		
3	256QAM	1	0	15.92	15.82	15.91	16.8	0
3	256QAM	1	8	15.80	15.83	15.88		
3	256QAM	1	14	15.85	15.88	15.88		
3	256QAM	8	0	15.90	15.77	15.80	16.8	0
3	256QAM	8	4	15.86	15.90	15.96		
3	256QAM	8	7	15.80	15.88	15.75		
3	256QAM	15	0	15.92	15.80	15.78		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.91	16.00	15.91	16.8	0
1.4	QPSK	1	3	15.90	15.86	15.80		
1.4	QPSK	1	5	15.84	15.81	15.79		
1.4	QPSK	3	0	15.85	15.85	15.88		
1.4	QPSK	3	1	15.78	15.85	15.89		
1.4	QPSK	3	3	15.84	15.91	15.85		
1.4	QPSK	6	0	15.76	15.90	15.78	16.8	0
1.4	16QAM	1	0	15.83	15.80	15.87	16.8	0
1.4	16QAM	1	3	15.94	15.74	15.88		
1.4	16QAM	1	5	15.90	15.75	15.77		
1.4	16QAM	3	0	15.89	15.85	15.91		
1.4	16QAM	3	1	15.79	15.80	15.92		
1.4	16QAM	3	3	15.91	15.81	15.79		
1.4	16QAM	6	0	15.83	15.86	15.87	16.8	0
1.4	64QAM	1	0	15.83	15.82	15.80	16.8	0
1.4	64QAM	1	3	15.86	15.82	15.83		
1.4	64QAM	1	5	15.83	15.77	15.80		
1.4	64QAM	3	0	15.92	15.95	15.86		
1.4	64QAM	3	1	15.84	15.86	15.87		
1.4	64QAM	3	3	15.84	15.82	15.83		
1.4	64QAM	6	0	15.81	15.85	15.85	16.8	0
1.4	256QAM	1	0	15.84	15.82	15.82	16.8	0
1.4	256QAM	1	3	15.76	15.91	15.89		
1.4	256QAM	1	5	15.86	15.82	15.87		
1.4	256QAM	3	0	15.87	15.78	15.75		
1.4	256QAM	3	1	15.89	15.95	15.90		
1.4	256QAM	3	3	15.77	15.87	15.85		
1.4	256QAM	6	0	15.88	15.80	15.78	16.8	0

Band 5_ANT 0(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.95	22.94	22.93	24	0
10	QPSK	1	25	22.90	22.90	22.87		
10	QPSK	1	49	22.78	22.90	22.75		
10	QPSK	25	0	21.98	21.96	21.95	23	1
10	QPSK	25	12	21.96	21.93	21.92		
10	QPSK	25	25	21.85	21.90	21.90		
10	QPSK	50	0	21.97	21.96	21.95		
10	16QAM	1	0	22.32	22.30	22.38	23	1
10	16QAM	1	25	21.97	21.90	22.07		
10	16QAM	1	49	22.31	22.14	22.08		
10	16QAM	25	0	20.81	20.91	20.94	22	2
10	16QAM	25	12	20.88	20.91	20.98		
10	16QAM	25	25	20.87	20.91	20.96		
10	16QAM	50	0	20.94	20.86	20.98		
10	64QAM	1	0	21.09	20.84	21.13	22	2
10	64QAM	1	25	20.92	20.80	21.25		
10	64QAM	1	49	20.83	20.79	21.29		
10	64QAM	25	0	19.86	19.83	19.93	21	3
10	64QAM	25	12	19.96	19.88	19.87		
10	64QAM	25	25	19.82	19.92	19.94		
10	64QAM	50	0	19.93	19.90	19.98		
10	256QAM	1	0	17.99	17.94	17.92	19	5
10	256QAM	1	25	17.95	18.07	17.98		
10	256QAM	1	49	17.98	17.99	17.91		
10	256QAM	25	0	17.90	17.89	17.86	19	5
10	256QAM	25	12	17.91	17.97	17.94		
10	256QAM	25	25	17.94	17.94	17.93		
10	256QAM	50	0	17.95	17.91	17.92		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.65	22.82	22.70	24	0
5	QPSK	1	12	22.60	22.77	22.77		
5	QPSK	1	24	22.50	22.63	22.71		
5	QPSK	12	0	21.54	21.58	21.73	23	1
5	QPSK	12	7	21.71	21.53	21.88		
5	QPSK	12	13	21.57	21.66	21.68		
5	QPSK	25	0	21.62	21.62	21.69		
5	16QAM	1	0	21.99	21.88	21.79	23	1
5	16QAM	1	12	21.89	22.43	22.20		
5	16QAM	1	24	21.97	22.04	22.06		
5	16QAM	12	0	20.61	20.62	20.70	22	2
5	16QAM	12	7	20.68	20.76	20.72		
5	16QAM	12	13	20.68	20.74	20.85		
5	16QAM	25	0	20.71	20.66	20.73		
5	64QAM	1	0	21.82	21.68	21.74	22	2
5	64QAM	1	12	21.79	21.68	21.83		
5	64QAM	1	24	21.88	21.84	21.74		
5	64QAM	12	0	20.62	20.58	20.69	21	3
5	64QAM	12	7	20.72	20.65	20.75		
5	64QAM	12	13	20.79	20.67	20.65		
5	64QAM	25	0	20.68	20.75	20.70		
5	256QAM	1	0	18.03	17.97	17.91	19	5
5	256QAM	1	12	17.96	18.11	18.00		
5	256QAM	1	24	17.98	18.01	17.95		
5	256QAM	12	0	17.91	17.90	17.83	19	5
5	256QAM	12	7	17.87	17.95	17.92		
5	256QAM	12	13	17.93	17.95	17.92		
5	256QAM	25	0	17.91	17.90	17.90		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.62	22.67	22.53	24	0
3	QPSK	1	8	22.65	22.59	22.62		
3	QPSK	1	14	22.54	22.65	22.59		
3	QPSK	8	0	21.68	21.62	21.68	23	1
3	QPSK	8	4	21.67	21.63	21.71		
3	QPSK	8	7	21.62	21.62	21.65		
3	QPSK	15	0	21.56	21.57	21.55		
3	16QAM	1	0	21.50	21.98	22.26	23	1
3	16QAM	1	8	22.19	22.10	22.01		
3	16QAM	1	14	22.02	21.83	22.15		
3	16QAM	8	0	20.61	20.60	20.80	22	2
3	16QAM	8	4	20.71	20.79	20.84		
3	16QAM	8	7	20.72	20.72	20.92		
3	16QAM	15	0	20.76	20.69	20.67		
3	64QAM	1	0	21.67	21.78	21.53	22	2
3	64QAM	1	8	21.90	21.78	21.70		
3	64QAM	1	14	21.77	21.78	21.81		
3	64QAM	8	0	20.54	20.65	20.70	21	3
3	64QAM	8	4	20.62	20.69	20.73		
3	64QAM	8	7	20.63	20.66	20.78		
3	64QAM	15	0	20.63	20.79	20.64		
3	256QAM	1	0	18.03	17.90	17.95	19	5
3	256QAM	1	8	17.98	18.05	18.01		
3	256QAM	1	14	17.97	17.99	17.93		
3	256QAM	8	0	17.90	17.85	17.85	19	5
3	256QAM	8	4	17.95	17.93	17.93		
3	256QAM	8	7	17.95	17.94	17.90		
3	256QAM	15	0	17.96	17.90	17.93		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.69	22.56	22.50	24	0
1.4	QPSK	1	3	22.51	22.55	22.69		
1.4	QPSK	1	5	22.60	22.60	22.50		
1.4	QPSK	3	0	22.58	22.61	22.72		
1.4	QPSK	3	1	22.69	22.65	22.68		
1.4	QPSK	3	3	22.65	22.59	22.63		
1.4	QPSK	6	0	21.55	21.58	21.52	23	1
1.4	16QAM	1	0	22.08	21.88	21.77	23	1
1.4	16QAM	1	3	22.00	21.97	22.04		
1.4	16QAM	1	5	22.02	22.08	22.31		
1.4	16QAM	3	0	21.67	21.87	21.70		
1.4	16QAM	3	1	21.62	21.88	21.72		
1.4	16QAM	3	3	21.70	21.99	21.88		
1.4	16QAM	6	0	20.79	20.78	20.77	22	2
1.4	64QAM	1	0	20.70	20.60	21.09	22	2
1.4	64QAM	1	3	21.01	20.50	20.89		
1.4	64QAM	1	5	20.67	20.51	21.11		
1.4	64QAM	3	0	20.88	20.65	20.74		
1.4	64QAM	3	1	21.14	20.93	20.71		
1.4	64QAM	3	3	20.62	20.86	20.90		
1.4	64QAM	6	0	19.53	19.57	19.69	21	3
1.4	256QAM	1	0	17.98	17.94	17.89	19	5
1.4	256QAM	1	3	17.92	18.06	18.02		
1.4	256QAM	1	5	17.94	17.99	17.95		
1.4	256QAM	3	0	17.91	17.93	17.86		
1.4	256QAM	3	1	17.92	17.96	17.92		
1.4	256QAM	3	3	17.94	17.97	17.97		
1.4	256QAM	6	0	17.99	17.91	17.88	19	5

Band 7_ANT 2(DSI5)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.00	20.10	19.98	21	0
20	QPSK	1	49	19.89	19.99	19.85		
20	QPSK	1	99	19.89	19.95	19.90		
20	QPSK	50	0	19.82	19.90	20.02	21	0
20	QPSK	50	24	20.00	20.07	19.96		
20	QPSK	50	50	19.83	19.92	19.90		
20	QPSK	100	0	19.84	20.00	19.94		
20	16QAM	1	0	19.85	19.90	20.02	21	0
20	16QAM	1	49	19.95	19.96	19.94		
20	16QAM	1	99	19.64	19.91	19.96		
20	16QAM	50	0	19.75	19.90	19.90	21	0
20	16QAM	50	24	19.92	19.93	19.96		
20	16QAM	50	50	19.98	19.97	19.99		
20	16QAM	100	0	19.94	19.98	19.97		
20	64QAM	1	0	19.71	19.99	19.78	21	0
20	64QAM	1	49	19.49	19.90	19.93		
20	64QAM	1	99	19.91	19.95	19.96		
20	64QAM	50	0	19.83	20.00	19.97	21	0
20	64QAM	50	24	19.91	19.90	19.94		
20	64QAM	50	50	19.91	19.94	19.92		
20	64QAM	100	0	19.94	19.94	19.90		
20	256QAM	1	0	18.58	18.49	18.52	19	2
20	256QAM	1	49	18.52	18.44	18.54		
20	256QAM	1	99	18.42	18.42	18.39		
20	256QAM	50	0	18.33	18.34	18.38	19	2
20	256QAM	50	24	18.47	18.40	18.36		
20	256QAM	50	50	18.38	18.39	18.36		
20	256QAM	100	0	18.40	18.36	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.00	19.92	20.01	21	0
15	QPSK	1	37	19.89	19.91	19.99		
15	QPSK	1	74	19.80	19.96	19.89		
15	QPSK	36	0	19.74	20.07	19.99	21	0
15	QPSK	36	20	19.89	19.90	19.94		
15	QPSK	36	39	19.84	19.90	19.90		
15	QPSK	75	0	19.84	19.90	19.97		
15	16QAM	1	0	19.93	19.99	19.91	21	0
15	16QAM	1	37	19.83	20.00	19.94		
15	16QAM	1	74	19.87	19.93	19.90		
15	16QAM	36	0	19.77	19.90	19.90	21	0
15	16QAM	36	20	19.93	19.90	19.90		
15	16QAM	36	39	19.98	19.90	19.94		
15	16QAM	75	0	19.89	19.96	19.90		
15	64QAM	1	0	19.90	19.98	19.73	21	0
15	64QAM	1	37	19.90	19.94	19.84		
15	64QAM	1	74	19.82	19.99	19.91		
15	64QAM	36	0	19.73	19.90	20.02	21	0
15	64QAM	36	20	19.85	19.92	19.90		
15	64QAM	36	39	19.94	19.90	19.90		
15	64QAM	75	0	19.88	19.91	19.99		
15	256QAM	1	0	18.63	18.52	18.62	19	2
15	256QAM	1	37	18.64	18.69	18.65		
15	256QAM	1	74	18.69	18.65	18.63		
15	256QAM	36	0	18.61	18.57	18.63	19	2
15	256QAM	36	20	18.69	18.67	18.60		
15	256QAM	36	39	18.62	18.68	18.69		
15	256QAM	75	0	18.66	18.67	18.64		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.87	19.97	19.90	21	0
10	QPSK	1	25	19.88	19.90	19.98		
10	QPSK	1	49	19.85	19.95	19.92		
10	QPSK	25	0	19.95	19.94	19.99	21	0
10	QPSK	25	12	19.91	19.93	19.97		
10	QPSK	25	25	19.91	19.99	19.97		
10	QPSK	50	0	19.90	19.94	19.90		
10	16QAM	1	0	19.90	19.94	19.94	21	0
10	16QAM	1	25	19.99	19.96	19.90		
10	16QAM	1	49	19.97	19.92	19.97		
10	16QAM	25	0	20.00	19.90	19.95	21	0
10	16QAM	25	12	20.02	19.95	19.99		
10	16QAM	25	25	19.99	19.98	19.94		
10	16QAM	50	0	20.02	19.95	19.92		
10	64QAM	1	0	19.90	19.91	19.98	21	0
10	64QAM	1	25	20.07	19.93	19.91		
10	64QAM	1	49	19.96	19.99	19.95		
10	64QAM	25	0	19.99	19.94	19.95	21	0
10	64QAM	25	12	19.90	19.96	19.99		
10	64QAM	25	25	19.98	19.98	19.97		
10	64QAM	50	0	19.95	19.94	19.97		
10	256QAM	1	0	18.66	18.64	18.61	19	2
10	256QAM	1	25	18.60	18.61	18.69		
10	256QAM	1	49	18.65	18.65	18.63		
10	256QAM	25	0	18.61	18.62	18.64	19	2
10	256QAM	25	12	18.61	18.60	18.67		
10	256QAM	25	25	18.67	18.68	18.61		
10	256QAM	50	0	18.61	18.68	18.61		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.82	19.90	19.96	21	0
5	QPSK	1	12	19.97	19.90	19.99		
5	QPSK	1	24	19.97	19.95	19.91		
5	QPSK	12	0	19.80	19.90	20.00	21	0
5	QPSK	12	7	19.83	19.96	19.93		
5	QPSK	12	13	19.99	19.98	19.90		
5	QPSK	25	0	19.94	19.94	19.97		
5	16QAM	1	0	19.94	19.90	19.96	21	0
5	16QAM	1	12	19.96	19.98	19.95		
5	16QAM	1	24	19.93	19.91	19.91		
5	16QAM	12	0	19.91	19.92	19.93	21	0
5	16QAM	12	7	19.97	19.91	19.93		
5	16QAM	12	13	19.90	19.91	19.94		
5	16QAM	25	0	19.90	19.90	19.91		
5	64QAM	1	0	19.70	19.91	19.91	21	0
5	64QAM	1	12	19.98	19.93	19.99		
5	64QAM	1	24	20.07	19.92	19.99		
5	64QAM	12	0	19.88	19.93	20.07	21	0
5	64QAM	12	7	19.98	19.91	20.07		
5	64QAM	12	13	19.98	19.96	19.95		
5	64QAM	25	0	19.97	19.97	19.90		
5	256QAM	1	0	18.62	18.63	18.61	19	2
5	256QAM	1	12	18.62	18.64	18.65		
5	256QAM	1	24	18.67	18.60	18.60		
5	256QAM	12	0	18.65	18.61	18.63	19	2
5	256QAM	12	7	18.63	18.69	18.68		
5	256QAM	12	13	18.64	18.65	18.63		
5	256QAM	25	0	18.67	18.64	18.64		

Band 7_ANT 5(DSI5)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.28	14.30	14.26	15.8	0
20	QPSK	1	49	14.21	14.24	14.23		
20	QPSK	1	99	14.25	14.26	14.21		
20	QPSK	50	0	14.19	14.26	14.21	15.8	0
20	QPSK	50	24	14.15	14.20	14.20		
20	QPSK	50	50	14.18	14.23	14.18		
20	QPSK	100	0	14.18	14.25	14.20		
20	16QAM	1	0	14.21	14.15	14.24	15.8	0
20	16QAM	1	49	14.18	14.24	14.24		
20	16QAM	1	99	14.16	14.20	14.24		
20	16QAM	50	0	14.26	14.24	14.20	15.8	0
20	16QAM	50	24	14.18	14.25	14.28		
20	16QAM	50	50	14.23	14.19	14.16		
20	16QAM	100	0	14.20	14.28	14.17		
20	64QAM	1	0	14.23	14.27	14.28	15.8	0
20	64QAM	1	49	14.26	14.19	14.28		
20	64QAM	1	99	14.27	14.21	14.25		
20	64QAM	50	0	14.25	14.23	14.17	15.8	0
20	64QAM	50	24	14.20	14.19	14.15		
20	64QAM	50	50	14.16	14.23	14.21		
20	64QAM	100	0	14.15	14.27	14.23		
20	256QAM	1	0	14.26	14.26	14.19	15.8	0
20	256QAM	1	49	14.16	14.25	14.23		
20	256QAM	1	99	14.22	14.19	14.17		
20	256QAM	50	0	14.25	14.26	14.21	15.8	0
20	256QAM	50	24	14.16	14.26	14.26		
20	256QAM	50	50	14.26	14.24	14.22		
20	256QAM	100	0	14.28	14.23	14.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.23	14.24	14.25	15.8	0
15	QPSK	1	37	14.09	14.17	14.16		
15	QPSK	1	74	14.22	14.23	14.09		
15	QPSK	36	0	14.05	14.16	14.07	15.8	0
15	QPSK	36	20	14.12	14.11	14.17		
15	QPSK	36	39	14.13	14.18	14.14		
15	QPSK	75	0	14.19	14.18	14.13		
15	16QAM	1	0	14.13	14.12	14.12	15.8	0
15	16QAM	1	37	14.13	14.13	14.14		
15	16QAM	1	74	14.05	14.11	14.21		
15	16QAM	36	0	14.20	14.11	14.08	15.8	0
15	16QAM	36	20	14.14	14.14	14.23		
15	16QAM	36	39	14.18	14.08	14.03		
15	16QAM	75	0	14.07	14.25	14.08		
15	64QAM	1	0	14.13	14.23	14.22	15.8	0
15	64QAM	1	37	14.15	14.10	14.24		
15	64QAM	1	74	14.21	14.10	14.17		
15	64QAM	36	0	14.20	14.13	14.04	15.8	0
15	64QAM	36	20	14.14	14.09	14.07		
15	64QAM	36	39	14.05	14.13	14.12		
15	64QAM	75	0	14.08	14.24	14.15		
15	256QAM	1	0	14.19	14.20	14.12	15.8	0
15	256QAM	1	37	14.05	14.14	14.12		
15	256QAM	1	74	14.17	14.12	14.07		
15	256QAM	36	0	14.12	14.22	14.12	15.8	0
15	256QAM	36	20	14.05	14.22	14.13		
15	256QAM	36	39	14.23	14.21	14.12		
15	256QAM	75	0	14.19	14.14	14.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.27	14.26	14.20	15.8	0
10	QPSK	1	25	14.13	14.11	14.11		
10	QPSK	1	49	14.13	14.20	14.12		
10	QPSK	25	0	14.09	14.17	14.12	15.8	0
10	QPSK	25	12	14.17	14.08	14.14		
10	QPSK	25	25	14.12	14.12	14.06		
10	QPSK	50	0	14.10	14.17	14.09		
10	16QAM	1	0	14.12	14.04	14.19	15.8	0
10	16QAM	1	25	14.10	14.15	14.15		
10	16QAM	1	49	14.04	14.07	14.19		
10	16QAM	25	0	14.20	14.13	14.17	15.8	0
10	16QAM	25	12	14.10	14.15	14.17		
10	16QAM	25	25	14.20	14.14	14.11		
10	16QAM	50	0	14.17	14.24	14.10		
10	64QAM	1	0	14.18	14.18	14.25	15.8	0
10	64QAM	1	25	14.13	14.11	14.23		
10	64QAM	1	49	14.14	14.10	14.16		
10	64QAM	25	0	14.13	14.10	14.12	15.8	0
10	64QAM	25	12	14.09	14.13	14.08		
10	64QAM	25	25	14.12	14.10	14.15		
10	64QAM	50	0	14.08	14.20	14.12		
10	256QAM	1	0	14.21	14.19	14.07	15.8	0
10	256QAM	1	25	14.13	14.16	14.17		
10	256QAM	1	49	14.13	14.16	14.06		
10	256QAM	25	0	14.14	14.20	14.18	15.8	0
10	256QAM	25	12	14.03	14.19	14.17		
10	256QAM	25	25	14.16	14.19	14.11		
10	256QAM	50	0	14.19	14.11	14.07		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.23	14.25	14.22	15.8	0
5	QPSK	1	12	14.12	14.14	14.18		
5	QPSK	1	24	14.13	14.13	14.08		
5	QPSK	12	0	14.12	14.15	14.11	15.8	0
5	QPSK	12	7	14.22	14.08	14.15		
5	QPSK	12	13	14.07	14.19	14.10		
5	QPSK	25	0	14.19	14.22	14.08		
5	16QAM	1	0	14.08	14.06	14.11	15.8	0
5	16QAM	1	12	14.13	14.20	14.17		
5	16QAM	1	24	14.12	14.11	14.20		
5	16QAM	12	0	14.22	14.13	14.08	15.8	0
5	16QAM	12	7	14.08	14.15	14.20		
5	16QAM	12	13	14.18	14.10	14.04		
5	16QAM	25	0	14.13	14.18	14.13		
5	64QAM	1	0	14.13	14.17	14.15	15.8	0
5	64QAM	1	12	14.16	14.12	14.21		
5	64QAM	1	24	14.17	14.08	14.13		
5	64QAM	12	0	14.22	14.14	14.07	15.8	0
5	64QAM	12	7	14.11	14.08	14.03		
5	64QAM	12	13	14.07	14.15	14.14		
5	64QAM	25	0	14.02	14.20	14.17		
5	256QAM	1	0	14.23	14.15	14.12	15.8	0
5	256QAM	1	12	14.12	14.18	14.13		
5	256QAM	1	24	14.16	14.11	14.12		
5	256QAM	12	0	14.20	14.22	14.12	15.8	0
5	256QAM	12	7	14.09	14.13	14.17		
5	256QAM	12	13	14.21	14.16	14.18		
5	256QAM	25	0	14.15	14.13	14.13		

Band 12_ANT 0(DSI5)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	23.00	22.87	24	0
10	QPSK	1	25	22.77	22.78	22.74		
10	QPSK	1	49	22.70	22.55	22.64		
10	QPSK	25	0	21.74	21.77	21.75	23	1
10	QPSK	25	12	21.72	21.74	21.74		
10	QPSK	25	25	21.73	21.76	21.72		
10	QPSK	50	0	21.71	21.75	21.74		
10	16QAM	1	0	22.11	21.98	22.17	23	1
10	16QAM	1	25	22.34	22.10	22.09		
10	16QAM	1	49	22.36	22.03	21.99		
10	16QAM	25	0	20.82	20.70	20.72	22	2
10	16QAM	25	12	20.83	20.76	20.80		
10	16QAM	25	25	20.80	20.80	20.66		
10	16QAM	50	0	20.70	20.62	20.79		
10	64QAM	1	0	20.61	21.03	21.03	22	2
10	64QAM	1	25	21.12	21.06	21.07		
10	64QAM	1	49	20.98	21.11	20.94		
10	64QAM	25	0	19.70	19.80	19.68	21	3
10	64QAM	25	12	19.70	19.76	19.68		
10	64QAM	25	25	19.71	19.76	19.77		
10	64QAM	50	0	19.73	19.69	19.78		
10	256QAM	1	0	17.96	18.04	17.95	19	5
10	256QAM	1	25	17.99	18.03	17.97		
10	256QAM	1	49	18.03	17.95	17.94		
10	256QAM	25	0	17.93	17.97	17.90	19	5
10	256QAM	25	12	17.96	17.89	18.00		
10	256QAM	25	25	17.95	17.91	17.92		
10	256QAM	50	0	18.00	17.90	17.94		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.66	22.66	22.65	24	0
5	QPSK	1	12	22.76	22.75	22.72		
5	QPSK	1	24	22.69	22.67	22.65		
5	QPSK	12	0	21.69	21.69	21.65	23	1
5	QPSK	12	7	21.78	21.70	21.67		
5	QPSK	12	13	21.73	21.74	21.72		
5	QPSK	25	0	21.75	21.67	21.64		
5	16QAM	1	0	22.10	22.02	22.03	23	1
5	16QAM	1	12	22.16	22.15	22.18		
5	16QAM	1	24	22.05	22.09	22.00		
5	16QAM	12	0	20.76	20.77	20.71	22	2
5	16QAM	12	7	20.83	20.81	20.73		
5	16QAM	12	13	20.79	20.83	20.74		
5	16QAM	25	0	20.77	20.70	20.63		
5	64QAM	1	0	20.99	20.95	20.95	22	2
5	64QAM	1	12	21.02	21.06	20.98		
5	64QAM	1	24	20.89	20.95	20.96		
5	64QAM	12	0	19.73	19.75	19.66	21	3
5	64QAM	12	7	19.80	19.74	19.67		
5	64QAM	12	13	19.78	19.79	19.72		
5	64QAM	25	0	19.77	19.69	19.63		
5	256QAM	1	0	17.96	18.07	17.93	19	5
5	256QAM	1	12	18.01	18.07	18.01		
5	256QAM	1	24	18.07	17.98	17.96		
5	256QAM	12	0	17.97	17.98	17.89	19	5
5	256QAM	12	7	17.96	17.89	17.98		
5	256QAM	12	13	17.98	17.91	17.90		
5	256QAM	25	0	18.00	17.90	17.95		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.66	22.59	22.58	24	0
3	QPSK	1	8	22.69	22.66	22.61		
3	QPSK	1	14	22.57	22.58	22.52		
3	QPSK	8	0	21.74	21.65	21.61	23	1
3	QPSK	8	4	21.72	21.73	21.59		
3	QPSK	8	7	21.70	21.69	21.62		
3	QPSK	15	0	21.68	21.63	21.55		
3	16QAM	1	0	21.94	22.01	21.96	23	1
3	16QAM	1	8	22.11	22.08	22.04		
3	16QAM	1	14	21.99	21.93	21.91		
3	16QAM	8	0	20.84	20.75	20.70	22	2
3	16QAM	8	4	20.83	20.81	20.70		
3	16QAM	8	7	20.80	20.78	20.72		
3	16QAM	15	0	20.73	20.65	20.58		
3	64QAM	1	0	20.92	20.86	20.83	22	2
3	64QAM	1	8	20.94	20.90	20.89		
3	64QAM	1	14	20.92	20.86	20.83		
3	64QAM	8	0	19.77	19.72	19.64	21	3
3	64QAM	8	4	19.80	19.79	19.66		
3	64QAM	8	7	19.77	19.70	19.68		
3	64QAM	15	0	19.74	19.65	19.62		
3	256QAM	1	0	17.96	18.02	17.95	19	5
3	256QAM	1	8	18.03	18.02	17.99		
3	256QAM	1	14	17.99	17.98	17.91		
3	256QAM	8	0	17.97	17.93	17.93	19	5
3	256QAM	8	4	17.93	17.85	17.96		
3	256QAM	8	7	17.93	17.90	17.88		
3	256QAM	15	0	18.00	17.87	17.97		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.68	22.64	22.58	24	0
1.4	QPSK	1	3	22.65	22.67	22.61		
1.4	QPSK	1	5	22.60	22.62	22.57		
1.4	QPSK	3	0	22.68	22.69	22.63		
1.4	QPSK	3	1	22.69	22.70	22.66		
1.4	QPSK	3	3	22.68	22.70	22.62		
1.4	QPSK	6	0	21.68	21.59	21.60	23	1
1.4	16QAM	1	0	22.06	22.05	22.10	23	1
1.4	16QAM	1	3	22.08	22.12	21.95		
1.4	16QAM	1	5	22.03	22.03	22.00		
1.4	16QAM	3	0	21.89	21.92	21.79		
1.4	16QAM	3	1	21.87	21.87	21.78		
1.4	16QAM	3	3	21.88	21.85	21.77		
1.4	16QAM	6	0	20.77	20.69	20.67	22	2
1.4	64QAM	1	0	20.96	20.91	20.88	22	2
1.4	64QAM	1	3	20.90	20.94	20.84		
1.4	64QAM	1	5	20.83	20.89	20.79		
1.4	64QAM	3	0	20.86	20.84	20.75		
1.4	64QAM	3	1	20.83	20.88	20.79		
1.4	64QAM	3	3	20.78	20.73	20.72		
1.4	64QAM	6	0	19.75	19.64	19.65	21	3
1.4	256QAM	1	0	17.96	18.04	17.96	19	5
1.4	256QAM	1	3	18.03	18.06	17.96		
1.4	256QAM	1	5	18.02	17.96	17.97		
1.4	256QAM	3	0	17.91	17.97	17.91		
1.4	256QAM	3	1	17.99	17.93	17.97		
1.4	256QAM	3	3	17.97	17.89	17.88		
1.4	256QAM	6	0	18.02	17.90	17.93	19	5

Band 13_ANT 0(DSI5)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.05		24	0
10	QPSK	1	25		23.01			
10	QPSK	1	49		23.04			
10	QPSK	25	0		22.06		23	1
10	QPSK	25	12		22.05			
10	QPSK	25	25		22.00			
10	QPSK	50	0		22.05			
10	16QAM	1	0		22.78		23	1
10	16QAM	1	25		22.36			
10	16QAM	1	49		22.54			
10	16QAM	25	0		21.10		22	2
10	16QAM	25	12		21.15			
10	16QAM	25	25		21.14			
10	16QAM	50	0		21.02			
10	64QAM	1	0		21.18		22	2
10	64QAM	1	25		21.38			
10	64QAM	1	49		21.36			
10	64QAM	25	0		20.04		21	3
10	64QAM	25	12		20.17			
10	64QAM	25	25		20.06			
10	64QAM	50	0		20.15			
10	256QAM	1	0		18.14		19	5
10	256QAM	1	25		18.21			
10	256QAM	1	49		18.10			
10	256QAM	25	0		17.99		19	5
10	256QAM	25	12		18.02			
10	256QAM	25	25		18.00			
10	256QAM	50	0		18.06			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.80	22.78	22.86	24	0
5	QPSK	1	12	22.79	22.91	22.74		
5	QPSK	1	24	22.85	22.75	22.79		
5	QPSK	12	0	21.78	21.73	21.76	23	1
5	QPSK	12	7	21.78	21.76	21.72		
5	QPSK	12	13	21.79	21.78	21.78		
5	QPSK	25	0	21.79	21.73	21.79		
5	16QAM	1	0	22.31	22.07	22.01	23	1
5	16QAM	1	12	22.24	22.28	22.39		
5	16QAM	1	24	22.04	22.20	22.31		
5	16QAM	12	0	20.81	20.80	20.77	22	2
5	16QAM	12	7	20.87	20.90	20.87		
5	16QAM	12	13	20.75	20.88	20.84		
5	16QAM	25	0	20.78	20.80	20.75		
5	64QAM	1	0	20.89	20.91	21.27	22	2
5	64QAM	1	12	20.85	21.31	21.04		
5	64QAM	1	24	20.82	21.00	20.90		
5	64QAM	12	0	19.80	19.77	19.93	21	3
5	64QAM	12	7	19.91	19.78	19.78		
5	64QAM	12	13	19.87	19.79	19.90		
5	64QAM	25	0	19.80	19.81	19.82		
5	256QAM	1	0	18.15	18.06	18.23	19	5
5	256QAM	1	12	18.22	18.18	18.26		
5	256QAM	1	24	18.14	18.06	18.17		
5	256QAM	12	0	18.01	17.98	18.02	19	5
5	256QAM	12	7	18.02	17.98	18.09		
5	256QAM	12	13	18.02	17.91	18.01		
5	256QAM	25	0	18.09	18.01	18.11		

Band 17_ANT 0(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.89	22.99	22.92	24	0
10	QPSK	1	25	22.81	22.92	22.83		
10	QPSK	1	49	22.72	22.86	22.62		
10	QPSK	25	0	21.82	21.84	21.82	23	1
10	QPSK	25	12	21.81	21.83	21.80		
10	QPSK	25	25	21.74	21.71	21.81		
10	QPSK	50	0	21.59	21.76	21.74		
10	16QAM	1	0	22.09	21.87	21.93	23	1
10	16QAM	1	25	22.12	22.19	22.36		
10	16QAM	1	49	21.96	22.09	22.18		
10	16QAM	25	0	20.77	20.66	20.77	22	2
10	16QAM	25	12	20.89	20.81	20.86		
10	16QAM	25	25	20.80	20.79	20.71		
10	16QAM	50	0	20.63	20.60	20.61		
10	64QAM	1	0	20.76	21.02	20.89	22	2
10	64QAM	1	25	21.05	20.96	20.98		
10	64QAM	1	49	20.89	20.84	20.55		
10	64QAM	25	0	19.68	19.75	19.78	21	3
10	64QAM	25	12	19.83	19.71	19.83		
10	64QAM	25	25	19.80	19.76	19.62		
10	64QAM	50	0	19.69	19.71	19.65		
10	256QAM	1	0	17.92	17.90	17.88	19	5
10	256QAM	1	25	18.01	18.00	17.98		
10	256QAM	1	49	18.02	17.88	17.93		
10	256QAM	25	0	17.99	17.96	17.93	19	5
10	256QAM	25	12	17.94	18.02	17.95		
10	256QAM	25	25	17.92	17.90	17.94		
10	256QAM	50	0	17.89	17.91	17.92		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.71	22.69	22.69	24	0
5	QPSK	1	12	22.65	22.68	22.69		
5	QPSK	1	24	22.56	22.61	22.61		
5	QPSK	12	0	21.66	21.69	21.67	23	1
5	QPSK	12	7	21.73	21.67	21.64		
5	QPSK	12	13	21.66	21.68	21.66		
5	QPSK	25	0	21.68	21.62	21.62		
5	16QAM	1	0	22.04	22.02	22.04	23	1
5	16QAM	1	12	22.11	22.02	22.19		
5	16QAM	1	24	21.97	21.98	21.96		
5	16QAM	12	0	20.73	20.75	20.75	22	2
5	16QAM	12	7	20.77	20.72	20.72		
5	16QAM	12	13	20.74	20.71	20.71		
5	16QAM	25	0	20.71	20.67	20.65		
5	64QAM	1	0	20.97	20.94	20.94	22	2
5	64QAM	1	12	20.89	20.99	20.93		
5	64QAM	1	24	20.84	20.86	20.85		
5	64QAM	12	0	19.72	19.74	19.71	21	3
5	64QAM	12	7	19.77	19.76	19.76		
5	64QAM	12	13	19.71	19.69	19.68		
5	64QAM	25	0	19.73	19.69	19.65		
5	256QAM	1	0	17.95	17.88	17.93	19	5
5	256QAM	1	12	17.97	18.02	18.03		
5	256QAM	1	24	17.99	17.93	17.90		
5	256QAM	12	0	18.03	17.90	17.99	19	5
5	256QAM	12	7	17.98	17.98	17.99		
5	256QAM	12	13	17.95	17.95	17.93		
5	256QAM	25	0	17.88	17.93	17.89		

Band 25_ANT 2(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.85	18.97	18.82	19.8	0
20	QPSK	1	49	18.64	18.73	18.65		
20	QPSK	1	99	18.52	18.69	18.51		
20	QPSK	50	0	18.66	18.76	18.67	19.8	0
20	QPSK	50	24	18.64	18.73	18.59		
20	QPSK	50	50	18.69	18.75	18.68		
20	QPSK	100	0	18.70	18.80	18.71		
20	16QAM	1	0	18.78	18.85	18.67	19.8	0
20	16QAM	1	49	18.78	18.83	18.74		
20	16QAM	1	99	18.61	18.73	18.74		
20	16QAM	50	0	18.71	18.79	18.68	19.8	0
20	16QAM	50	24	18.77	18.88	18.77		
20	16QAM	50	50	18.72	18.82	18.72		
20	16QAM	100	0	18.74	18.84	18.77		
20	64QAM	1	0	18.82	18.77	18.79	19.8	0
20	64QAM	1	49	18.90	18.81	18.76		
20	64QAM	1	99	18.77	18.89	18.72		
20	64QAM	50	0	18.70	18.79	18.66	19.8	0
20	64QAM	50	24	18.78	18.86	18.76		
20	64QAM	50	50	18.70	18.81	18.72		
20	64QAM	100	0	18.72	18.83	18.75		
20	256QAM	1	0	18.84	18.88	18.83	19.8	0
20	256QAM	1	49	18.90	18.86	18.89		
20	256QAM	1	99	18.85	18.73	18.80		
20	256QAM	50	0	18.63	18.76	18.64	19.8	0
20	256QAM	50	24	18.83	18.74	18.72		
20	256QAM	50	50	18.74	18.85	18.77		
20	256QAM	100	0	18.70	18.69	18.66		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.66	18.68	18.57	19.8	0
15	QPSK	1	37	18.60	18.73	18.58		
15	QPSK	1	74	18.52	18.63	18.45		
15	QPSK	36	0	18.65	18.74	18.59	19.8	0
15	QPSK	36	20	18.71	18.83	18.60		
15	QPSK	36	39	18.68	18.77	18.66		
15	QPSK	75	0	18.70	18.80	18.61		
15	16QAM	1	0	18.71	18.81	18.65	19.8	0
15	16QAM	1	37	18.77	18.88	18.63		
15	16QAM	1	74	18.69	18.64	18.64		
15	16QAM	36	0	18.64	18.79	18.66	19.8	0
15	16QAM	36	20	18.74	18.89	18.65		
15	16QAM	36	39	18.71	18.84	18.71		
15	16QAM	75	0	18.74	18.83	18.63		
15	64QAM	1	0	18.89	18.82	18.75	19.8	0
15	64QAM	1	37	18.81	18.85	18.78		
15	64QAM	1	74	18.65	18.78	18.70		
15	64QAM	36	0	18.67	18.76	18.67	19.8	0
15	64QAM	36	20	18.77	18.83	18.64		
15	64QAM	36	39	18.74	18.81	18.67		
15	64QAM	75	0	18.70	18.82	18.63		
15	256QAM	1	0	18.85	18.84	18.77	19.8	0
15	256QAM	1	37	18.80	18.80	18.89		
15	256QAM	1	74	18.81	18.86	18.73		
15	256QAM	36	0	18.90	18.87	18.87	19.8	0
15	256QAM	36	20	18.82	18.85	18.87		
15	256QAM	36	39	18.84	18.90	18.81		
15	256QAM	75	0	18.81	18.78	18.87		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.67	18.80	18.67	19.8	0
10	QPSK	1	25	18.74	18.84	18.65		
10	QPSK	1	49	18.65	18.73	18.61		
10	QPSK	25	0	18.74	18.86	18.69	19.8	0
10	QPSK	25	12	18.85	18.81	18.79		
10	QPSK	25	25	18.80	18.77	18.73		
10	QPSK	50	0	18.81	18.77	18.77		
10	16QAM	1	0	18.76	18.76	18.86	19.8	0
10	16QAM	1	25	18.80	18.84	18.85		
10	16QAM	1	49	18.80	18.82	18.86		
10	16QAM	25	0	18.77	18.73	18.72	19.8	0
10	16QAM	25	12	18.84	18.84	18.81		
10	16QAM	25	25	18.83	18.79	18.78		
10	16QAM	50	0	18.82	18.79	18.77		
10	64QAM	1	0	18.77	18.78	18.88	19.8	0
10	64QAM	1	25	18.76	18.81	18.76		
10	64QAM	1	49	18.83	18.87	18.82		
10	64QAM	25	0	18.75	18.72	18.65	19.8	0
10	64QAM	25	12	18.85	18.81	18.78		
10	64QAM	25	25	18.79	18.76	18.72		
10	64QAM	50	0	18.81	18.77	18.77		
10	256QAM	1	0	18.85	18.70	18.75	19.8	0
10	256QAM	1	25	18.78	18.82	18.73		
10	256QAM	1	49	18.93	18.85	18.87		
10	256QAM	25	0	18.85	18.84	18.84	19.8	0
10	256QAM	25	12	18.79	18.87	18.85		
10	256QAM	25	25	18.79	18.71	18.78		
10	256QAM	50	0	18.87	18.80	18.83		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.75	18.85	18.62	19.8	0
5	QPSK	1	12	18.81	18.85	18.71		
5	QPSK	1	24	18.76	18.83	18.59		
5	QPSK	12	0	18.79	18.76	18.66	19.8	0
5	QPSK	12	7	18.82	18.75	18.74		
5	QPSK	12	13	18.76	18.74	18.70		
5	QPSK	25	0	18.79	18.74	18.62		
5	16QAM	1	0	18.78	18.78	18.79	19.8	0
5	16QAM	1	12	18.77	18.77	18.76		
5	16QAM	1	24	18.77	18.76	18.85		
5	16QAM	12	0	18.86	18.85	18.71	19.8	0
5	16QAM	12	7	18.76	18.87	18.80		
5	16QAM	12	13	18.86	18.84	18.80		
5	16QAM	25	0	18.84	18.79	18.64		
5	64QAM	1	0	18.88	18.78	18.86	19.8	0
5	64QAM	1	12	18.84	18.87	18.80		
5	64QAM	1	24	18.86	18.87	18.78		
5	64QAM	12	0	18.82	18.79	18.70	19.8	0
5	64QAM	12	7	18.82	18.79	18.78		
5	64QAM	12	13	18.78	18.78	18.74		
5	64QAM	25	0	18.81	18.76	18.66		
5	256QAM	1	0	18.86	18.79	18.78	19.8	0
5	256QAM	1	12	18.87	18.83	18.84		
5	256QAM	1	24	18.84	18.80	18.83		
5	256QAM	12	0	18.85	18.72	18.89	19.8	0
5	256QAM	12	7	18.81	18.90	18.84		
5	256QAM	12	13	18.85	18.80	18.87		
5	256QAM	25	0	18.80	18.76	18.89		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.73	18.77	18.63	19.8	0
3	QPSK	1	8	18.74	18.80	18.69		
3	QPSK	1	14	18.66	18.80	18.59		
3	QPSK	8	0	18.78	18.88	18.73	19.8	0
3	QPSK	8	4	18.80	18.76	18.71		
3	QPSK	8	7	18.78	18.74	18.70		
3	QPSK	15	0	18.73	18.72	18.69		
3	16QAM	1	0	18.75	18.84	18.83	19.8	0
3	16QAM	1	8	18.81	18.81	18.78		
3	16QAM	1	14	18.83	18.80	18.85		
3	16QAM	8	0	18.89	18.82	18.82	19.8	0
3	16QAM	8	4	18.87	18.86	18.82		
3	16QAM	8	7	18.85	18.85	18.76		
3	16QAM	15	0	18.80	18.81	18.70		
3	64QAM	1	0	18.87	18.88	18.88	19.8	0
3	64QAM	1	8	18.90	18.90	18.85		
3	64QAM	1	14	18.95	18.93	18.78		
3	64QAM	8	0	18.84	18.74	18.71	19.8	0
3	64QAM	8	4	18.80	18.81	18.75		
3	64QAM	8	7	18.83	18.77	18.74		
3	64QAM	15	0	18.78	18.76	18.72		
3	256QAM	1	0	18.73	18.69	18.91	19.8	0
3	256QAM	1	8	18.89	18.87	18.81		
3	256QAM	1	14	18.84	18.87	18.78		
3	256QAM	8	0	18.89	18.74	18.81	19.8	0
3	256QAM	8	4	18.91	18.74	18.76		
3	256QAM	8	7	18.90	18.86	18.74		
3	256QAM	15	0	18.84	18.80	18.81		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.73	18.79	18.59	19.8	0
1.4	QPSK	1	3	18.74	18.80	18.59		
1.4	QPSK	1	5	18.69	18.78	18.55		
1.4	QPSK	3	0	18.76	18.82	18.63		
1.4	QPSK	3	1	18.75	18.82	18.65		
1.4	QPSK	3	3	18.75	18.81	18.63		
1.4	QPSK	6	0	18.76	18.83	18.62	19.8	0
1.4	16QAM	1	0	18.92	18.80	18.87	19.8	0
1.4	16QAM	1	3	18.62	18.71	18.70		
1.4	16QAM	1	5	18.64	18.66	18.84		
1.4	16QAM	3	0	18.80	18.67	18.82		
1.4	16QAM	3	1	18.78	18.88	18.84		
1.4	16QAM	3	3	18.76	18.89	18.82		
1.4	16QAM	6	0	18.70	18.79	18.77	19.8	0
1.4	64QAM	1	0	18.89	18.93	18.84	19.8	0
1.4	64QAM	1	3	18.92	18.90	18.81		
1.4	64QAM	1	5	18.76	18.96	18.77		
1.4	64QAM	3	0	18.85	18.85	18.74		
1.4	64QAM	3	1	18.88	18.83	18.75		
1.4	64QAM	3	3	18.88	18.83	18.70		
1.4	64QAM	6	0	18.79	18.71	18.69	19.8	0
1.4	256QAM	1	0	18.83	18.87	18.76	19.8	0
1.4	256QAM	1	3	18.90	18.91	18.88		
1.4	256QAM	1	5	18.86	18.83	18.89		
1.4	256QAM	3	0	18.92	18.86	18.91		
1.4	256QAM	3	1	18.92	18.89	18.78		
1.4	256QAM	3	3	18.82	18.71	18.77		
1.4	256QAM	6	0	18.88	18.83	18.80	19.8	0

Band 26 for FCC_ANT 0(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.91	22.96	22.84	24	0
15	QPSK	1	37	22.84	22.82	22.82		
15	QPSK	1	74	22.77	22.88	22.72		
15	QPSK	36	0	21.76	21.77	21.75	23	1
15	QPSK	36	20	21.70	21.74	21.61		
15	QPSK	36	39	21.75	21.72	21.74		
15	QPSK	75	0	21.71	21.76	21.75		
15	16QAM	1	0	21.86	21.78	21.79	23	1
15	16QAM	1	37	22.03	21.91	22.28		
15	16QAM	1	74	22.14	21.70	21.95		
15	16QAM	36	0	20.71	20.70	20.72	22	2
15	16QAM	36	20	20.78	20.78	20.68		
15	16QAM	36	39	20.77	20.75	20.71		
15	16QAM	75	0	20.76	20.74	20.75		
15	64QAM	1	0	20.89	21.07	21.29	22	2
15	64QAM	1	37	20.72	21.09	20.81		
15	64QAM	1	74	20.86	21.02	20.70		
15	64QAM	36	0	19.69	19.63	19.67	21	3
15	64QAM	36	20	19.74	19.72	19.72		
15	64QAM	36	39	19.73	19.84	19.80		
15	64QAM	75	0	19.77	19.71	19.69		
15	256QAM	1	0	18.10	17.98	17.99	19	5
15	256QAM	1	37	18.00	18.06	18.02		
15	256QAM	1	74	18.01	17.99	17.91		
15	256QAM	36	0	17.96	18.05	17.85	19	5
15	256QAM	36	20	17.95	17.86	17.88		
15	256QAM	36	39	17.86	17.80	17.87		
15	256QAM	75	0	17.92	17.88	17.89		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.61	22.58	22.81	24	0
10	QPSK	1	25	22.76	22.66	22.76		
10	QPSK	1	49	22.65	22.58	22.62		
10	QPSK	25	0	21.67	21.69	21.75	23	1
10	QPSK	25	12	21.85	21.61	21.68		
10	QPSK	25	25	21.73	21.70	21.71		
10	QPSK	50	0	21.75	21.66	21.69		
10	16QAM	1	0	22.27	22.12	22.01	23	1
10	16QAM	1	25	22.14	22.33	21.76		
10	16QAM	1	49	22.01	22.14	22.12		
10	16QAM	25	0	20.69	20.73	20.90	22	2
10	16QAM	25	12	20.79	20.62	20.83		
10	16QAM	25	25	20.79	20.74	20.77		
10	16QAM	50	0	20.76	20.77	20.69		
10	64QAM	1	0	20.75	20.82	20.78	22	2
10	64QAM	1	25	21.27	21.01	21.17		
10	64QAM	1	49	20.62	21.06	20.66		
10	64QAM	25	0	19.77	19.75	19.85	21	3
10	64QAM	25	12	19.71	19.67	19.66		
10	64QAM	25	25	19.74	19.69	19.79		
10	64QAM	50	0	19.75	19.77	19.79		
10	256QAM	1	0	18.09	17.97	17.95	19	5
10	256QAM	1	25	17.99	17.98	18.02		
10	256QAM	1	49	18.05	17.88	18.02		
10	256QAM	25	0	17.95	17.81	18.08	19	5
10	256QAM	25	12	17.96	17.91	17.89		
10	256QAM	25	25	17.88	17.84	17.80		
10	256QAM	50	0	17.91	17.87	17.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.65	22.61	22.76	24	0
5	QPSK	1	12	22.77	22.69	22.91		
5	QPSK	1	24	22.61	22.55	22.55		
5	QPSK	12	0	21.71	21.59	21.67	23	1
5	QPSK	12	7	21.74	21.60	21.75		
5	QPSK	12	13	21.72	21.74	21.80		
5	QPSK	25	0	21.74	21.69	21.68		
5	16QAM	1	0	22.12	21.81	22.17	23	1
5	16QAM	1	12	22.34	22.01	22.42		
5	16QAM	1	24	22.31	22.02	22.13		
5	16QAM	12	0	20.77	20.66	20.81	22	2
5	16QAM	12	7	20.96	20.65	20.81		
5	16QAM	12	13	20.87	20.74	20.85		
5	16QAM	25	0	20.74	20.72	20.77		
5	64QAM	1	0	21.08	20.64	20.75	22	2
5	64QAM	1	12	21.10	21.12	21.09		
5	64QAM	1	24	21.30	20.96	20.93		
5	64QAM	12	0	19.71	19.71	19.76	21	3
5	64QAM	12	7	19.88	19.80	19.91		
5	64QAM	12	13	19.77	19.63	19.79		
5	64QAM	25	0	19.88	19.66	19.62		
5	256QAM	1	0	18.14	18.00	17.99	19	5
5	256QAM	1	12	18.04	17.98	18.03		
5	256QAM	1	24	18.02	17.95	17.97		
5	256QAM	12	0	17.97	17.81	18.09	19	5
5	256QAM	12	7	17.96	17.92	17.84		
5	256QAM	12	13	17.82	17.91	17.82		
5	256QAM	25	0	17.89	17.85	17.88		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.57	22.54	22.68	24	0
3	QPSK	1	8	22.69	22.69	22.71		
3	QPSK	1	14	22.59	22.57	22.57		
3	QPSK	8	0	21.80	21.63	21.69	23	1
3	QPSK	8	4	21.80	21.72	21.78		
3	QPSK	8	7	21.72	21.66	21.75		
3	QPSK	15	0	21.76	21.70	21.71		
3	16QAM	1	0	22.08	22.18	22.04	23	1
3	16QAM	1	8	22.26	21.70	22.11		
3	16QAM	1	14	21.97	21.88	22.05		
3	16QAM	8	0	20.81	20.87	20.70	22	2
3	16QAM	8	4	20.89	20.81	20.87		
3	16QAM	8	7	20.84	20.76	21.05		
3	16QAM	15	0	20.69	20.68	20.73		
3	64QAM	1	0	20.74	20.93	20.79	22	2
3	64QAM	1	8	20.95	20.63	20.58		
3	64QAM	1	14	20.89	20.60	20.55		
3	64QAM	8	0	19.66	19.75	19.65	21	3
3	64QAM	8	4	19.79	19.61	19.86		
3	64QAM	8	7	19.88	19.74	19.80		
3	64QAM	15	0	19.79	19.73	19.73		
3	256QAM	1	0	18.14	18.02	17.95	19	5
3	256QAM	1	8	18.01	18.01	18.03		
3	256QAM	1	14	18.05	17.93	18.03		
3	256QAM	8	0	17.92	17.86	18.08	19	5
3	256QAM	8	4	17.96	17.85	17.86		
3	256QAM	8	7	17.86	17.85	17.76		
3	256QAM	15	0	17.89	17.93	17.91		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.53	22.70	24	0
1.4	QPSK	1	3	22.73	22.60	22.66		
1.4	QPSK	1	5	22.62	22.58	22.73		
1.4	QPSK	3	0	22.73	22.58	22.63		
1.4	QPSK	3	1	22.75	22.64	22.70		
1.4	QPSK	3	3	22.77	22.58	22.71		
1.4	QPSK	6	0	21.76	21.62	21.69	23	1
1.4	16QAM	1	0	21.80	21.78	22.18	23	1
1.4	16QAM	1	3	22.30	22.26	21.94		
1.4	16QAM	1	5	22.07	21.98	21.83		
1.4	16QAM	3	0	21.77	21.78	21.88		
1.4	16QAM	3	1	21.81	21.89	21.88		
1.4	16QAM	3	3	21.70	21.87	21.91		
1.4	16QAM	6	0	20.84	20.72	20.87	22	2
1.4	64QAM	1	0	21.05	20.89	20.69	22	2
1.4	64QAM	1	3	21.13	20.58	20.63		
1.4	64QAM	1	5	20.86	20.67	20.74		
1.4	64QAM	3	0	20.86	20.87	20.60		
1.4	64QAM	3	1	20.81	20.80	20.93		
1.4	64QAM	3	3	20.72	20.92	20.83		
1.4	64QAM	6	0	19.81	19.80	19.71	21	3
1.4	256QAM	1	0	18.14	18.02	17.94	19	5
1.4	256QAM	1	3	18.03	18.06	18.03		
1.4	256QAM	1	5	17.98	17.88	17.95		
1.4	256QAM	3	0	17.99	17.89	18.01		
1.4	256QAM	3	1	17.97	17.89	17.84		
1.4	256QAM	3	3	17.82	17.89	17.79		
1.4	256QAM	6	0	17.95	17.89	17.89	19	5

Band 30_ANT 2(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.20		22	0
10	QPSK	1	25		20.90			
10	QPSK	1	49		21.00			
10	QPSK	25	0		21.08		22	0
10	QPSK	25	12		20.98			
10	QPSK	25	25		20.94			
10	QPSK	50	0		21.01			
10	16QAM	1	0		20.83		22	0
10	16QAM	1	25		20.82			
10	16QAM	1	49		20.80			
10	16QAM	25	0		21.01		22	0
10	16QAM	25	12		20.95			
10	16QAM	25	25		20.93			
10	16QAM	50	0		21.05			
10	64QAM	1	0		20.87		22	0
10	64QAM	1	25		20.87			
10	64QAM	1	49		20.90			
10	64QAM	25	0		20.90		21.8	0.2
10	64QAM	25	12		21.08			
10	64QAM	25	25		20.94			
10	64QAM	50	0		20.90			
10	256QAM	1	0		18.54		19.8	2.2
10	256QAM	1	25		18.77			
10	256QAM	1	49		18.53			
10	256QAM	25	0		18.49		19.8	2.2
10	256QAM	25	12		18.52			
10	256QAM	25	25		18.54			
10	256QAM	50	0		18.47			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.78	21.00	21.05	22	0
5	QPSK	1	12	20.85	21.06	20.89		
5	QPSK	1	24	20.99	20.91	20.86		
5	QPSK	12	0	20.88	20.93	21.02	22	0
5	QPSK	12	7	21.06	21.04	21.09		
5	QPSK	12	13	21.00	20.94	21.01		
5	QPSK	25	0	21.00	20.93	20.99		
5	16QAM	1	0	20.80	20.80	20.89	22	0
5	16QAM	1	12	20.89	20.85	20.84		
5	16QAM	1	24	20.89	20.81	20.81		
5	16QAM	12	0	21.02	20.95	21.09	22	0
5	16QAM	12	7	21.05	21.08	20.81		
5	16QAM	12	13	20.95	21.00	21.00		
5	16QAM	25	0	20.94	21.04	21.02		
5	64QAM	1	0	20.89	21.08	20.86	22	0
5	64QAM	1	12	20.85	20.87	21.09		
5	64QAM	1	24	21.06	20.84	20.83		
5	64QAM	12	0	20.88	20.96	21.05	21.8	0.2
5	64QAM	12	7	20.98	21.05	20.80		
5	64QAM	12	13	20.95	20.88	20.93		
5	64QAM	25	0	20.95	20.93	20.99		
5	256QAM	1	0	18.90	18.96	18.92	19.8	2.2
5	256QAM	1	12	18.95	18.96	18.92		
5	256QAM	1	24	18.94	18.86	18.90		
5	256QAM	12	0	18.90	18.91	18.91	19.8	2.2
5	256QAM	12	7	18.80	18.88	18.85		
5	256QAM	12	13	18.86	18.88	18.84		
5	256QAM	25	0	18.84	18.91	18.88		

Band 66_ANT 2(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.06	20.19	19.95	20.8	0
20	QPSK	1	49	19.79	20.17	19.92		
20	QPSK	1	99	19.90	19.93	19.71		
20	QPSK	50	0	20.09	20.16	19.95	20.8	0
20	QPSK	50	24	20.05	20.10	19.93		
20	QPSK	50	50	19.82	19.98	19.84		
20	QPSK	100	0	20.08	20.17	19.89		
20	16QAM	1	0	19.90	19.99	19.91	20.8	0
20	16QAM	1	49	19.92	19.97	19.88		
20	16QAM	1	99	19.76	19.94	19.80		
20	16QAM	50	0	20.00	20.05	20.04	20.8	0
20	16QAM	50	24	19.93	19.90	19.92		
20	16QAM	50	50	20.05	19.95	19.90		
20	16QAM	100	0	20.01	19.96	20.01		
20	64QAM	1	0	19.95	19.96	19.99	20.8	0
20	64QAM	1	49	19.98	19.92	19.77		
20	64QAM	1	99	19.95	19.93	19.97		
20	64QAM	50	0	19.95	19.95	20.09	20.8	0
20	64QAM	50	24	20.07	19.92	19.99		
20	64QAM	50	50	20.07	20.09	19.82		
20	64QAM	100	0	20.03	20.02	19.92		
20	256QAM	1	0	19.30	19.44	19.42	19.8	1
20	256QAM	1	49	19.19	19.57	19.47		
20	256QAM	1	99	19.47	19.40	19.30		
20	256QAM	50	0	19.30	19.41	19.31	19.8	1
20	256QAM	50	24	19.39	19.39	19.36		
20	256QAM	50	50	19.43	19.38	19.27		
20	256QAM	100	0	19.40	19.38	19.31		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.85	20.02	19.98	20.8	0
15	QPSK	1	37	19.89	19.98	20.03		
15	QPSK	1	74	19.72	20.07	19.76		
15	QPSK	36	0	19.92	20.15	19.88	20.8	0
15	QPSK	36	20	20.04	20.15	20.03		
15	QPSK	36	39	20.04	20.13	19.95		
15	QPSK	75	0	20.04	20.07	19.85		
15	16QAM	1	0	19.99	19.97	19.99	20.8	0
15	16QAM	1	37	19.94	20.02	19.91		
15	16QAM	1	74	19.94	19.95	19.95		
15	16QAM	36	0	19.92	19.95	19.95	20.8	0
15	16QAM	36	20	20.01	19.92	19.94		
15	16QAM	36	39	20.09	19.95	20.00		
15	16QAM	75	0	20.09	19.93	19.80		
15	64QAM	1	0	19.95	19.92	19.96	20.8	0
15	64QAM	1	37	19.92	19.99	19.96		
15	64QAM	1	74	19.95	19.93	19.90		
15	64QAM	36	0	19.96	19.93	19.97	20.8	0
15	64QAM	36	20	20.08	19.98	19.87		
15	64QAM	36	39	19.89	19.90	19.95		
15	64QAM	75	0	20.05	19.98	19.89		
15	256QAM	1	0	19.45	19.40	19.47	19.8	1
15	256QAM	1	37	19.45	19.41	19.41		
15	256QAM	1	74	19.45	19.50	19.39		
15	256QAM	36	0	19.41	19.39	19.39	19.8	1
15	256QAM	36	20	19.38	19.47	19.34		
15	256QAM	36	39	19.37	19.40	19.41		
15	256QAM	75	0	19.37	19.43	19.49		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.05	19.93	19.84	20.8	0
10	QPSK	1	25	20.01	19.98	19.90		
10	QPSK	1	49	19.95	19.93	19.83		
10	QPSK	25	0	20.12	19.94	19.99	20.8	0
10	QPSK	25	12	20.12	19.90	20.06		
10	QPSK	25	25	20.10	19.98	20.00		
10	QPSK	50	0	19.95	19.99	19.96		
10	16QAM	1	0	19.99	19.98	19.99	20.8	0
10	16QAM	1	25	19.90	19.99	19.99		
10	16QAM	1	49	19.94	19.96	19.99		
10	16QAM	25	0	20.06	19.93	19.90	20.8	0
10	16QAM	25	12	19.91	19.96	20.07		
10	16QAM	25	25	19.99	19.96	19.95		
10	16QAM	50	0	19.90	19.94	20.02		
10	64QAM	1	0	19.90	19.91	19.93	20.8	0
10	64QAM	1	25	19.98	19.93	19.97		
10	64QAM	1	49	19.97	19.92	19.90		
10	64QAM	25	0	20.09	19.97	20.01	20.8	0
10	64QAM	25	12	19.95	19.93	19.92		
10	64QAM	25	25	19.91	19.97	20.04		
10	64QAM	50	0	19.94	19.90	20.05		
10	256QAM	1	0	19.43	19.47	19.40	19.8	1
10	256QAM	1	25	19.41	19.46	19.43		
10	256QAM	1	49	19.47	19.42	19.39		
10	256QAM	25	0	19.43	19.40	19.43	19.8	1
10	256QAM	25	12	19.48	19.43	19.35		
10	256QAM	25	25	19.50	19.46	19.34		
10	256QAM	50	0	19.40	19.41	19.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.98	19.92	19.88	20.8	0
5	QPSK	1	12	20.09	19.91	19.85		
5	QPSK	1	24	20.06	19.96	19.91		
5	QPSK	12	0	20.10	20.15	20.02	20.8	0
5	QPSK	12	7	20.12	19.99	19.93		
5	QPSK	12	13	20.05	19.95	19.97		
5	QPSK	25	0	20.12	19.94	19.94		
5	16QAM	1	0	19.93	19.91	19.94	20.8	0
5	16QAM	1	12	19.94	19.90	19.92		
5	16QAM	1	24	19.97	19.94	19.92		
5	16QAM	12	0	19.94	19.90	20.08	20.8	0
5	16QAM	12	7	20.08	19.92	19.99		
5	16QAM	12	13	19.90	19.94	19.91		
5	16QAM	25	0	19.90	19.95	19.99		
5	64QAM	1	0	19.90	19.90	19.91	20.8	0
5	64QAM	1	12	19.93	19.92	19.95		
5	64QAM	1	24	19.93	19.95	19.95		
5	64QAM	12	0	20.08	19.99	19.80	20.8	0
5	64QAM	12	7	20.09	19.97	20.07		
5	64QAM	12	13	20.03	19.92	20.00		
5	64QAM	25	0	19.96	19.95	20.02		
5	256QAM	1	0	19.44	19.53	19.36	19.8	1
5	256QAM	1	12	19.45	19.41	19.45		
5	256QAM	1	24	19.44	19.45	19.47		
5	256QAM	12	0	19.37	19.50	19.44	19.8	1
5	256QAM	12	7	19.51	19.48	19.35		
5	256QAM	12	13	19.51	19.46	19.50		
5	256QAM	25	0	19.41	19.47	19.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.92	20.08	19.94	20.8	0
3	QPSK	1	8	20.04	19.90	19.97		
3	QPSK	1	14	19.86	20.04	19.85		
3	QPSK	8	0	20.07	20.14	19.99	20.8	0
3	QPSK	8	4	20.10	19.97	19.96		
3	QPSK	8	7	19.99	19.96	19.97		
3	QPSK	15	0	20.06	19.99	19.90		
3	16QAM	1	0	19.94	19.99	19.96	20.8	0
3	16QAM	1	8	19.94	19.94	19.84		
3	16QAM	1	14	19.93	19.97	19.97		
3	16QAM	8	0	20.08	19.97	19.97	20.8	0
3	16QAM	8	4	19.95	19.90	19.95		
3	16QAM	8	7	19.95	19.90	20.03		
3	16QAM	15	0	20.05	19.95	19.92		
3	64QAM	1	0	19.85	19.94	20.06	20.8	0
3	64QAM	1	8	19.91	19.98	19.99		
3	64QAM	1	14	19.96	19.96	19.99		
3	64QAM	8	0	20.07	19.98	20.07	20.8	0
3	64QAM	8	4	19.90	19.90	19.90		
3	64QAM	8	7	19.97	19.98	19.97		
3	64QAM	15	0	20.03	19.96	19.98		
3	256QAM	1	0	19.50	19.51	19.43	19.8	1
3	256QAM	1	8	19.45	19.46	19.48		
3	256QAM	1	14	19.47	19.50	19.49		
3	256QAM	8	0	19.46	19.48	19.38	19.8	1
3	256QAM	8	4	19.37	19.52	19.44		
3	256QAM	8	7	19.38	19.45	19.43		
3	256QAM	15	0	19.48	19.44	19.47		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.85	19.90	19.77	20.8	0
1.4	QPSK	1	3	20.07	19.92	19.94		
1.4	QPSK	1	5	19.98	20.08	19.73		
1.4	QPSK	3	0	20.11	19.92	19.97		
1.4	QPSK	3	1	19.99	19.90	19.95		
1.4	QPSK	3	3	20.07	20.18	19.88		
1.4	QPSK	6	0	20.01	19.92	19.92	20.8	0
1.4	16QAM	1	0	19.97	19.97	19.97	20.8	0
1.4	16QAM	1	3	19.97	19.94	19.99		
1.4	16QAM	1	5	19.94	19.98	19.97		
1.4	16QAM	3	0	19.94	19.99	20.09		
1.4	16QAM	3	1	19.90	19.97	19.91		
1.4	16QAM	3	3	19.94	19.95	19.98		
1.4	16QAM	6	0	20.05	19.95	19.99	20.8	0
1.4	64QAM	1	0	19.92	19.93	19.91	20.8	0
1.4	64QAM	1	3	19.99	19.94	20.08		
1.4	64QAM	1	5	19.90	19.90	19.90		
1.4	64QAM	3	0	19.97	19.91	19.97		
1.4	64QAM	3	1	19.90	19.95	19.92		
1.4	64QAM	3	3	19.90	19.95	20.07		
1.4	64QAM	6	0	19.94	19.97	20.03	20.8	0
1.4	256QAM	1	0	19.34	19.47	19.46	20.8	0
1.4	256QAM	1	3	19.42	19.49	19.44		
1.4	256QAM	1	5	19.41	19.50	19.38		
1.4	256QAM	3	0	19.38	19.44	19.41		
1.4	256QAM	3	1	19.41	19.45	19.46		
1.4	256QAM	3	3	19.50	19.53	19.41		
1.4	256QAM	6	0	19.51	19.49	19.33	20.8	0

Band 66_ANT 5(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.13	16.15	16.10	16.8	0
20	QPSK	1	49	16.03	16.03	16.05		
20	QPSK	1	99	16.05	16.07	16.06		
20	QPSK	50	0	16.10	16.11	16.06	16.8	0
20	QPSK	50	24	16.06	16.10	16.05		
20	QPSK	50	50	16.08	16.10	16.02		
20	QPSK	100	0	16.03	16.08	16.00		
20	16QAM	1	0	16.11	16.11	16.01	16.8	0
20	16QAM	1	49	16.05	16.07	16.07		
20	16QAM	1	99	16.00	16.12	16.10		
20	16QAM	50	0	16.07	16.00	16.08	16.8	0
20	16QAM	50	24	16.03	16.07	16.02		
20	16QAM	50	50	16.02	16.02	16.10		
20	16QAM	100	0	16.11	16.10	16.04		
20	64QAM	1	0	16.06	16.02	16.01	16.8	0
20	64QAM	1	49	16.11	16.04	16.11		
20	64QAM	1	99	16.10	16.09	16.13		
20	64QAM	50	0	16.12	16.06	16.09	16.8	0
20	64QAM	50	24	16.11	16.06	16.11		
20	64QAM	50	50	16.13	16.01	16.01		
20	64QAM	100	0	16.12	16.09	16.03		
20	256QAM	1	0	16.03	16.07	16.05	16.8	0
20	256QAM	1	49	16.05	16.07	16.03		
20	256QAM	1	99	16.08	16.10	16.08		
20	256QAM	50	0	16.13	16.00	16.11	16.8	0
20	256QAM	50	24	16.03	16.07	16.01		
20	256QAM	50	50	16.08	16.09	16.12		
20	256QAM	100	0	16.09	16.13	16.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.07	16.11	16.07	16.8	0
15	QPSK	1	37	15.92	16.00	15.99		
15	QPSK	1	74	15.99	15.96	15.93		
15	QPSK	36	0	16.00	16.04	16.02	16.8	0
15	QPSK	36	20	16.02	15.97	15.93		
15	QPSK	36	39	15.97	16.00	16.07		
15	QPSK	75	0	16.00	15.96	15.92		
15	16QAM	1	0	16.03	16.04	15.94	16.8	0
15	16QAM	1	37	15.96	15.98	15.98		
15	16QAM	1	74	15.92	16.05	16.06		
15	16QAM	36	0	15.95	15.94	15.99	16.8	0
15	16QAM	36	20	15.99	15.99	15.96		
15	16QAM	36	39	15.96	15.93	16.01		
15	16QAM	75	0	16.02	16.04	15.92		
15	64QAM	1	0	15.98	15.94	15.98	16.8	0
15	64QAM	1	37	16.07	15.97	16.07		
15	64QAM	1	74	15.98	16.03	16.02		
15	64QAM	36	0	16.01	15.96	16.02	16.8	0
15	64QAM	36	20	16.01	16.00	16.00		
15	64QAM	36	39	16.09	15.98	15.91		
15	64QAM	75	0	16.04	16.05	15.95		
15	256QAM	1	0	15.95	16.02	16.01	16.8	0
15	256QAM	1	37	15.99	15.99	15.96		
15	256QAM	1	74	16.03	16.07	15.96		
15	256QAM	36	0	16.06	15.92	16.08	16.8	0
15	256QAM	36	20	15.99	16.02	15.88		
15	256QAM	36	39	15.97	16.04	16.02		
15	256QAM	75	0	16.06	16.03	16.07		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.08	16.09	16.02	16.8	0
10	QPSK	1	25	15.93	15.92	16.02		
10	QPSK	1	49	15.92	16.01	16.01		
10	QPSK	25	0	16.03	16.08	15.95	16.8	0
10	QPSK	25	12	16.03	15.98	15.97		
10	QPSK	25	25	16.00	16.06	15.97		
10	QPSK	50	0	15.93	15.98	15.89		
10	16QAM	1	0	16.00	15.99	15.94	16.8	0
10	16QAM	1	25	15.92	16.00	15.96		
10	16QAM	1	49	15.95	16.06	16.06		
10	16QAM	25	0	15.95	15.97	15.96	16.8	0
10	16QAM	25	12	15.90	16.02	15.95		
10	16QAM	25	25	15.96	15.99	16.01		
10	16QAM	50	0	16.00	15.97	15.91		
10	64QAM	1	0	16.02	15.94	15.95	16.8	0
10	64QAM	1	25	16.01	15.95	16.04		
10	64QAM	1	49	16.06	15.97	16.10		
10	64QAM	25	0	16.02	16.03	16.04	16.8	0
10	64QAM	25	12	15.98	15.94	16.01		
10	64QAM	25	25	16.03	15.97	15.95		
10	64QAM	50	0	16.01	16.00	15.99		
10	256QAM	1	0	15.94	15.97	15.98	16.8	0
10	256QAM	1	25	15.96	15.97	15.94		
10	256QAM	1	49	15.96	16.06	16.05		
10	256QAM	25	0	16.09	15.88	16.04	16.8	0
10	256QAM	25	12	15.92	16.01	15.95		
10	256QAM	25	25	16.03	16.03	16.07		
10	256QAM	50	0	16.01	16.01	16.00		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.10	16.08	16.07	16.8	0
5	QPSK	1	12	15.96	15.93	16.05		
5	QPSK	1	24	15.99	15.95	15.97		
5	QPSK	12	0	16.01	16.01	15.97	16.8	0
5	QPSK	12	7	15.99	15.98	16.00		
5	QPSK	12	13	16.02	15.97	16.07		
5	QPSK	25	0	15.94	16.02	15.91		
5	16QAM	1	0	16.06	16.06	15.92	16.8	0
5	16QAM	1	12	16.01	15.97	15.98		
5	16QAM	1	24	15.93	16.09	16.01		
5	16QAM	12	0	16.04	15.92	15.95	16.8	0
5	16QAM	12	7	16.00	15.95	15.92		
5	16QAM	12	13	15.94	15.92	15.98		
5	16QAM	25	0	15.99	15.99	15.96		
5	64QAM	1	0	16.02	15.92	15.90	16.8	0
5	64QAM	1	12	16.05	15.92	16.05		
5	64QAM	1	24	16.00	15.99	16.02		
5	64QAM	12	0	16.06	15.93	16.02	16.8	0
5	64QAM	12	7	16.05	16.03	16.05		
5	64QAM	12	13	16.05	15.95	15.98		
5	64QAM	25	0	16.00	16.05	15.95		
5	256QAM	1	0	15.95	16.04	16.00	16.8	0
5	256QAM	1	12	15.95	15.94	16.00		
5	256QAM	1	24	15.95	16.01	15.97		
5	256QAM	12	0	16.00	15.97	16.02	16.8	0
5	256QAM	12	7	15.97	15.95	15.94		
5	256QAM	12	13	16.03	15.97	16.02		
5	256QAM	25	0	16.02	16.10	16.06		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.08	16.13	16.04	16.8	0
3	QPSK	1	8	15.95	15.93	15.99		
3	QPSK	1	14	15.93	15.95	16.00		
3	QPSK	8	0	15.99	16.00	15.96	16.8	0
3	QPSK	8	4	15.96	15.99	15.94		
3	QPSK	8	7	15.99	15.97	16.02		
3	QPSK	15	0	15.94	16.00	15.91		
3	16QAM	1	0	16.00	16.07	15.93	16.8	0
3	16QAM	1	8	15.99	15.98	16.03		
3	16QAM	1	14	15.95	16.08	15.98		
3	16QAM	8	0	16.04	15.97	16.02	16.8	0
3	16QAM	8	4	16.00	16.01	15.96		
3	16QAM	8	7	15.91	15.95	15.98		
3	16QAM	15	0	16.02	16.07	16.00		
3	64QAM	1	0	16.03	15.97	15.94	16.8	0
3	64QAM	1	8	16.06	15.96	16.06		
3	64QAM	1	14	16.02	16.05	16.09		
3	64QAM	8	0	15.99	15.97	15.96	16.8	0
3	64QAM	8	4	16.06	15.99	15.99		
3	64QAM	8	7	16.01	15.95	15.92		
3	64QAM	15	0	16.07	15.97	16.00		
3	256QAM	1	0	15.92	16.04	15.95	16.8	0
3	256QAM	1	8	15.98	16.01	15.98		
3	256QAM	1	14	16.04	16.06	16.05		
3	256QAM	8	0	16.08	15.96	16.01	16.8	0
3	256QAM	8	4	15.93	15.94	15.92		
3	256QAM	8	7	16.03	16.02	16.06		
3	256QAM	15	0	16.05	16.00	16.09		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.06	16.14	16.04	16.8	0
1.4	QPSK	1	3	15.97	15.95	16.06		
1.4	QPSK	1	5	15.98	15.95	15.93		
1.4	QPSK	3	0	16.01	16.01	16.00		
1.4	QPSK	3	1	15.94	16.03	15.98		
1.4	QPSK	3	3	16.06	16.04	15.99		
1.4	QPSK	6	0	15.92	16.00	15.90	16.8	0
1.4	16QAM	1	0	15.99	16.07	15.93	16.8	0
1.4	16QAM	1	3	15.97	15.97	16.03		
1.4	16QAM	1	5	15.92	16.05	16.07		
1.4	16QAM	3	0	16.01	15.94	15.98		
1.4	16QAM	3	1	15.90	16.02	15.89		
1.4	16QAM	3	3	15.93	15.90	15.97		
1.4	16QAM	6	0	15.99	16.07	15.95	16.8	0
1.4	64QAM	1	0	15.98	15.95	15.88	16.8	0
1.4	64QAM	1	3	16.06	15.98	16.02		
1.4	64QAM	1	5	16.04	16.06	16.08		
1.4	64QAM	3	0	16.08	16.01	15.96		
1.4	64QAM	3	1	16.04	16.02	16.04		
1.4	64QAM	3	3	16.05	15.95	15.91		
1.4	64QAM	6	0	15.99	15.98	15.91	16.8	0
1.4	256QAM	1	0	16.00	15.97	15.99	16.8	0
1.4	256QAM	1	3	16.00	16.00	15.94		
1.4	256QAM	1	5	16.04	16.07	16.00		
1.4	256QAM	3	0	16.07	15.89	16.06		
1.4	256QAM	3	1	15.99	15.99	15.94		
1.4	256QAM	3	3	15.97	16.04	15.99		
1.4	256QAM	6	0	15.98	16.10	16.05	16.8	0

Band 71_ANT 0(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.87	22.95	22.82	24	0
20	QPSK	1	49	22.86	22.88	22.80		
20	QPSK	1	99	22.80	22.82	22.81		
20	QPSK	50	0	21.91	21.92	21.91	23	1
20	QPSK	50	24	21.89	21.89	21.89		
20	QPSK	50	50	21.80	21.81	21.80		
20	QPSK	100	0	21.86	21.90	21.88		
20	16QAM	1	0	22.04	22.06	22.10	23	1
20	16QAM	1	49	21.92	21.95	22.08		
20	16QAM	1	99	22.05	21.86	22.01		
20	16QAM	50	0	20.84	21.00	20.95	22	2
20	16QAM	50	24	20.98	20.87	20.87		
20	16QAM	50	50	20.94	20.86	20.83		
20	16QAM	100	0	20.95	20.93	20.87		
20	64QAM	1	0	20.95	21.06	21.00	22	2
20	64QAM	1	49	21.07	21.07	21.02		
20	64QAM	1	99	21.02	20.80	20.90		
20	64QAM	50	0	19.84	19.90	19.94	21	3
20	64QAM	50	24	19.93	19.91	19.77		
20	64QAM	50	50	19.89	19.89	19.88		
20	64QAM	100	0	19.94	19.97	19.89		
20	256QAM	1	0	18.05	18.00	18.07	19	5
20	256QAM	1	49	18.07	18.12	18.17		
20	256QAM	1	99	18.06	18.03	18.13		
20	256QAM	50	0	17.89	17.91	17.93	19	5
20	256QAM	50	24	17.91	17.92	17.90		
20	256QAM	50	50	18.00	17.90	17.98		
20	256QAM	100	0	17.97	17.99	17.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.81	22.85	22.86	24	0
15	QPSK	1	37	22.80	22.88	22.90		
15	QPSK	1	74	22.82	22.86	22.87		
15	QPSK	36	0	21.84	21.85	21.89	23	1
15	QPSK	36	20	21.89	21.87	21.85		
15	QPSK	36	39	21.86	21.90	21.88		
15	QPSK	75	0	21.90	21.86	21.90		
15	16QAM	1	0	21.91	22.01	21.91	23	1
15	16QAM	1	37	21.93	22.12	22.03		
15	16QAM	1	74	21.98	21.99	22.05		
15	16QAM	36	0	20.88	20.89	20.91	22	2
15	16QAM	36	20	20.89	20.88	20.88		
15	16QAM	36	39	20.92	20.93	20.92		
15	16QAM	75	0	20.87	20.92	20.91		
15	64QAM	1	0	20.88	21.06	20.94	22	2
15	64QAM	1	37	20.95	20.99	21.00		
15	64QAM	1	74	21.01	21.06	21.05		
15	64QAM	36	0	19.85	19.88	19.88	21	3
15	64QAM	36	20	19.88	19.89	19.91		
15	64QAM	36	39	19.86	19.85	19.92		
15	64QAM	75	0	19.93	19.91	19.86		
15	256QAM	1	0	18.02	18.11	18.02	19	5
15	256QAM	1	37	18.06	18.18	18.14		
15	256QAM	1	74	18.08	18.14	18.07		
15	256QAM	36	0	17.87	17.91	17.90	19	5
15	256QAM	36	20	17.90	17.88	17.96		
15	256QAM	36	39	17.99	18.02	17.88		
15	256QAM	75	0	17.99	17.94	18.03		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.94	22.91	22.93	24	0
10	QPSK	1	25	22.92	22.93	22.94		
10	QPSK	1	49	22.93	22.91	22.91		
10	QPSK	25	0	21.97	21.97	22.00	23	1
10	QPSK	25	12	22.06	22.05	21.98		
10	QPSK	25	25	22.02	22.02	22.01		
10	QPSK	50	0	21.98	21.99	21.96		
10	16QAM	1	0	22.14	22.11	22.09	23	1
10	16QAM	1	25	22.06	22.12	22.10		
10	16QAM	1	49	22.11	22.07	22.06		
10	16QAM	25	0	20.97	21.02	20.99	22	2
10	16QAM	25	12	21.04	21.06	21.00		
10	16QAM	25	25	21.01	21.08	21.05		
10	16QAM	50	0	21.00	21.04	21.01		
10	64QAM	1	0	21.03	21.09	21.08	22	2
10	64QAM	1	25	21.14	21.15	21.16		
10	64QAM	1	49	21.06	21.09	21.12		
10	64QAM	25	0	19.99	19.94	19.95	21	3
10	64QAM	25	12	20.03	20.00	19.98		
10	64QAM	25	25	19.95	19.98	20.00		
10	64QAM	50	0	19.98	20.01	19.97		
10	256QAM	1	0	18.02	18.03	17.96	19	5
10	256QAM	1	25	18.07	18.18	18.08		
10	256QAM	1	49	18.05	18.10	18.07		
10	256QAM	25	0	17.92	17.93	17.94	19	5
10	256QAM	25	12	17.92	17.87	17.90		
10	256QAM	25	25	17.96	17.98	17.93		
10	256QAM	50	0	17.95	17.86	18.01		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.89	22.87	22.90	24	0
5	QPSK	1	12	22.92	22.94	22.94		
5	QPSK	1	24	22.94	22.92	22.86		
5	QPSK	12	0	21.92	21.96	21.99	23	1
5	QPSK	12	7	22.03	22.08	22.04		
5	QPSK	12	13	22.01	21.99	22.03		
5	QPSK	25	0	21.96	22.00	21.98		
5	16QAM	1	0	22.12	22.10	22.14	23	1
5	16QAM	1	12	22.11	22.07	22.16		
5	16QAM	1	24	22.03	22.06	22.12		
5	16QAM	12	0	20.97	20.96	20.94	22	2
5	16QAM	12	7	21.04	21.08	21.09		
5	16QAM	12	13	21.00	21.01	21.04		
5	16QAM	25	0	20.98	21.02	21.04		
5	64QAM	1	0	21.11	21.09	21.06	22	2
5	64QAM	1	12	21.17	21.19	21.14		
5	64QAM	1	24	21.11	21.06	21.11		
5	64QAM	12	0	19.97	20.00	20.01	21	3
5	64QAM	12	7	20.01	20.03	20.04		
5	64QAM	12	13	19.99	20.02	20.03		
5	64QAM	25	0	20.01	19.98	20.02		
5	256QAM	1	0	18.06	18.11	18.03	19	5
5	256QAM	1	12	18.11	18.13	18.09		
5	256QAM	1	24	18.09	18.09	18.00		
5	256QAM	12	0	17.88	17.96	17.88	19	5
5	256QAM	12	7	17.94	17.87	17.93		
5	256QAM	12	13	17.99	18.02	17.89		
5	256QAM	25	0	17.98	17.87	17.96		

Band 2_ANT 2(DSI10)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.93	17.95	17.92	18.8	0
20	QPSK	1	49	17.54	17.83	17.78		
20	QPSK	1	99	17.71	17.78	17.80		
20	QPSK	50	0	17.90	17.93	17.91	18.8	0
20	QPSK	50	24	17.85	17.87	17.84		
20	QPSK	50	50	17.77	17.76	17.83		
20	QPSK	100	0	17.74	17.80	17.72		
20	16QAM	1	0	17.60	17.80	17.61	18.8	0
20	16QAM	1	49	17.78	17.75	17.76		
20	16QAM	1	99	17.58	17.68	17.65		
20	16QAM	50	0	17.67	17.67	17.76	18.8	0
20	16QAM	50	24	17.80	17.70	17.64		
20	16QAM	50	50	17.82	17.68	17.79		
20	16QAM	100	0	17.71	17.74	17.67		
20	64QAM	1	0	17.52	17.54	17.74	18.8	0
20	64QAM	1	49	17.70	17.69	17.69		
20	64QAM	1	99	17.47	17.82	17.57		
20	64QAM	50	0	17.73	17.57	17.72	18.8	0
20	64QAM	50	24	17.78	17.65	17.71		
20	64QAM	50	50	17.81	17.75	17.61		
20	64QAM	100	0	17.76	17.81	17.61		
20	256QAM	1	0	17.29	17.50	17.53	18.8	0
20	256QAM	1	49	17.32	17.52	17.54		
20	256QAM	1	99	17.46	17.36	17.28		
20	256QAM	50	0	17.43	17.20	17.35	18.8	0
20	256QAM	50	24	17.53	17.37	17.61		
20	256QAM	50	50	17.48	17.31	17.55		
20	256QAM	100	0	17.21	17.29	17.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.53	17.64	17.63	18.8	0
15	QPSK	1	37	17.71	17.59	17.59		
15	QPSK	1	74	17.45	17.86	17.48		
15	QPSK	36	0	17.74	17.70	17.55	18.8	0
15	QPSK	36	20	17.85	17.72	17.77		
15	QPSK	36	39	17.82	17.78	17.87		
15	QPSK	75	0	17.72	17.68	17.63		
15	16QAM	1	0	17.67	17.61	17.54	18.8	0
15	16QAM	1	37	17.69	17.61	17.66		
15	16QAM	1	74	17.66	17.71	17.66		
15	16QAM	36	0	17.64	17.79	17.73	18.8	0
15	16QAM	36	20	17.63	17.75	17.82		
15	16QAM	36	39	17.79	17.72	17.52		
15	16QAM	75	0	17.67	17.67	17.86		
15	64QAM	1	0	17.78	17.63	17.79	18.8	0
15	64QAM	1	37	17.74	17.58	17.85		
15	64QAM	1	74	17.69	17.59	17.53		
15	64QAM	36	0	17.66	17.75	17.81	18.8	0
15	64QAM	36	20	17.73	17.71	17.67		
15	64QAM	36	39	17.58	17.60	17.75		
15	64QAM	75	0	17.83	17.72	17.65		
15	256QAM	1	0	17.48	17.40	17.57	18.8	0
15	256QAM	1	37	17.65	17.54	17.70		
15	256QAM	1	74	17.44	17.65	17.60		
15	256QAM	36	0	17.44	17.38	17.41	18.8	0
15	256QAM	36	20	17.32	17.32	17.42		
15	256QAM	36	39	17.33	17.36	17.36		
15	256QAM	75	0	17.48	17.45	17.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.80	17.80	17.61	18.8	0
10	QPSK	1	25	17.72	17.65	17.66		
10	QPSK	1	49	17.77	17.63	17.73		
10	QPSK	25	0	17.72	17.60	17.73	18.8	0
10	QPSK	25	12	17.57	17.60	17.76		
10	QPSK	25	25	17.86	17.54	17.79		
10	QPSK	50	0	17.69	17.63	17.66		
10	16QAM	1	0	17.60	17.81	17.69	18.8	0
10	16QAM	1	25	17.72	17.65	17.64		
10	16QAM	1	49	17.59	17.66	17.71		
10	16QAM	25	0	17.60	17.57	17.81	18.8	0
10	16QAM	25	12	17.68	17.59	17.69		
10	16QAM	25	25	17.57	17.58	17.66		
10	16QAM	50	0	17.79	17.55	17.67		
10	64QAM	1	0	17.69	17.70	17.57	18.8	0
10	64QAM	1	25	17.59	17.54	17.85		
10	64QAM	1	49	17.51	17.60	17.64		
10	64QAM	25	0	17.61	17.59	17.82	18.8	0
10	64QAM	25	12	17.74	17.56	17.76		
10	64QAM	25	25	17.73	17.59	17.83		
10	64QAM	50	0	17.69	17.62	17.57		
10	256QAM	1	0	17.44	17.50	17.68	18.8	0
10	256QAM	1	25	17.39	17.44	17.40		
10	256QAM	1	49	17.43	17.59	17.49		
10	256QAM	25	0	17.48	17.56	17.46	18.8	0
10	256QAM	25	12	17.43	17.45	17.54		
10	256QAM	25	25	17.41	17.47	17.44		
10	256QAM	50	0	17.29	17.47	17.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.75	17.59	17.61	18.8	0
5	QPSK	1	12	17.81	17.65	17.81		
5	QPSK	1	24	17.83	17.64	17.70		
5	QPSK	12	0	17.62	17.69	17.83	18.8	0
5	QPSK	12	7	17.81	17.60	17.52		
5	QPSK	12	13	17.86	17.54	17.94		
5	QPSK	25	0	17.92	17.80	17.83		
5	16QAM	1	0	17.75	17.74	17.59	18.8	0
5	16QAM	1	12	17.68	17.64	17.71		
5	16QAM	1	24	17.58	17.79	17.67		
5	16QAM	12	0	17.60	17.57	17.67	18.8	0
5	16QAM	12	7	17.68	17.65	17.80		
5	16QAM	12	13	17.57	17.68	17.71		
5	16QAM	25	0	17.76	17.55	17.71		
5	64QAM	1	0	17.59	17.69	17.65	18.8	0
5	64QAM	1	12	17.58	17.70	17.69		
5	64QAM	1	24	17.55	17.67	17.52		
5	64QAM	12	0	17.71	17.59	17.74	18.8	0
5	64QAM	12	7	17.64	17.66	17.65		
5	64QAM	12	13	17.73	17.59	17.69		
5	64QAM	25	0	17.54	17.62	17.71		
5	256QAM	1	0	17.32	17.43	17.51	18.8	0
5	256QAM	1	12	17.56	17.53	17.44		
5	256QAM	1	24	17.44	17.54	17.48		
5	256QAM	12	0	17.61	17.66	17.45	18.8	0
5	256QAM	12	7	17.36	17.35	17.45		
5	256QAM	12	13	17.28	17.42	17.52		
5	256QAM	25	0	17.34	17.59	17.44		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.65	17.60	17.79	18.8	0
3	QPSK	1	8	17.62	17.87	17.87		
3	QPSK	1	14	17.82	17.83	17.57		
3	QPSK	8	0	17.85	17.60	17.63	18.8	0
3	QPSK	8	4	17.57	17.60	17.62		
3	QPSK	8	7	17.71	17.54	17.92		
3	QPSK	15	0	17.89	17.55	17.84		
3	16QAM	1	0	17.69	17.79	17.64	18.8	0
3	16QAM	1	8	17.63	17.64	17.75		
3	16QAM	1	14	17.59	17.68	17.60		
3	16QAM	8	0	17.60	17.59	17.67	18.8	0
3	16QAM	8	4	17.68	17.60	17.73		
3	16QAM	8	7	17.57	17.58	17.61		
3	16QAM	15	0	17.64	17.55	17.62		
3	64QAM	1	0	17.62	17.66	17.69	18.8	0
3	64QAM	1	8	17.59	17.52	17.68		
3	64QAM	1	14	17.66	17.65	17.52		
3	64QAM	8	0	17.61	17.64	17.66	18.8	0
3	64QAM	8	4	17.64	17.63	17.75		
3	64QAM	8	7	17.63	17.59	17.80		
3	64QAM	15	0	17.54	17.72	17.57		
3	256QAM	1	0	17.37	17.42	17.66	18.8	0
3	256QAM	1	8	17.46	17.58	17.38		
3	256QAM	1	14	17.52	17.58	17.49		
3	256QAM	8	0	17.55	17.56	17.42	18.8	0
3	256QAM	8	4	17.49	17.39	17.43		
3	256QAM	8	7	17.38	17.57	17.57		
3	256QAM	15	0	17.41	17.59	17.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.65	17.59	17.77	18.8	0
1.4	QPSK	1	3	17.62	17.68	17.66		
1.4	QPSK	1	5	17.89	17.63	17.59		
1.4	QPSK	3	0	17.62	17.60	17.87		
1.4	QPSK	3	1	17.57	17.70	17.72		
1.4	QPSK	3	3	17.80	17.56	17.83		
1.4	QPSK	6	0	17.93	17.80	17.86	18.8	0
1.4	16QAM	1	0	17.78	17.69	17.71	18.8	0
1.4	16QAM	1	3	17.65	17.78	17.63		
1.4	16QAM	1	5	17.59	17.72	17.57		
1.4	16QAM	3	0	17.68	17.61	17.73		
1.4	16QAM	3	1	17.70	17.66	17.69		
1.4	16QAM	3	3	17.57	17.70	17.69		
1.4	16QAM	6	0	17.77	17.55	17.52	18.8	0
1.4	64QAM	1	0	17.54	17.63	17.72	18.8	0
1.4	64QAM	1	3	17.53	17.63	17.70		
1.4	64QAM	1	5	17.65	17.72	17.52		
1.4	64QAM	3	0	17.63	17.67	17.72		
1.4	64QAM	3	1	17.64	17.56	17.67		
1.4	64QAM	3	3	17.76	17.59	17.68		
1.4	64QAM	6	0	17.64	17.63	17.67	18.8	0
1.4	256QAM	1	0	17.39	17.37	17.53	18.8	0
1.4	256QAM	1	3	17.57	17.53	17.45		
1.4	256QAM	1	5	17.48	17.49	17.58		
1.4	256QAM	3	0	17.64	17.52	17.39		
1.4	256QAM	3	1	17.55	17.45	17.46		
1.4	256QAM	3	3	17.41	17.60	17.46		
1.4	256QAM	6	0	17.47	17.54	17.43	18.8	0

Band 4_ANT 2(DSI10)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.97	19.23	19.06	19.8	0
20	QPSK	1	49	18.85	19.08	19.05		
20	QPSK	1	99	18.83	19.05	18.91		
20	QPSK	50	0	19.15	19.16	19.13	19.8	0
20	QPSK	50	24	19.11	18.82	18.83		
20	QPSK	50	50	19.03	19.12	19.10		
20	QPSK	100	0	19.02	19.16	19.10		
20	16QAM	1	0	19.18	18.83	18.82	19.8	0
20	16QAM	1	49	18.86	18.87	18.81		
20	16QAM	1	99	18.80	18.88	18.86		
20	16QAM	50	0	19.03	19.07	19.13	19.8	0
20	16QAM	50	24	19.07	19.13	19.11		
20	16QAM	50	50	19.06	19.12	18.86		
20	16QAM	100	0	19.04	18.85	19.19		
20	64QAM	1	0	19.00	19.18	18.82	19.8	0
20	64QAM	1	49	18.87	18.82	18.86		
20	64QAM	1	99	19.08	18.84	18.85		
20	64QAM	50	0	19.03	19.11	19.11	19.8	0
20	64QAM	50	24	19.09	18.83	19.11		
20	64QAM	50	50	19.03	19.19	18.89		
20	64QAM	100	0	19.10	19.15	19.19		
20	256QAM	1	0	18.87	18.89	19.03	19.8	0
20	256QAM	1	49	18.90	18.84	19.03		
20	256QAM	1	99	19.01	18.84	19.03		
20	256QAM	50	0	18.87	18.60	18.97	19.8	0
20	256QAM	50	24	18.93	18.73	18.88		
20	256QAM	50	50	18.91	18.73	18.98		
20	256QAM	100	0	18.99	18.74	18.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.01	18.92	18.93	19.8	0
15	QPSK	1	37	18.83	18.65	18.83		
15	QPSK	1	74	18.86	18.85	18.99		
15	QPSK	36	0	18.82	18.92	18.70	19.8	0
15	QPSK	36	20	18.75	18.80	18.65		
15	QPSK	36	39	18.90	18.66	18.84		
15	QPSK	75	0	18.92	18.75	18.70		
15	16QAM	1	0	18.76	18.99	18.75	19.8	0
15	16QAM	1	37	18.78	18.81	18.80		
15	16QAM	1	74	18.71	18.77	18.83		
15	16QAM	36	0	19.03	18.92	18.80	19.8	0
15	16QAM	36	20	18.71	18.66	18.76		
15	16QAM	36	39	18.88	18.77	18.67		
15	16QAM	75	0	18.90	18.69	18.86		
15	64QAM	1	0	18.82	18.66	18.71	19.8	0
15	64QAM	1	37	18.74	18.79	18.71		
15	64QAM	1	74	18.75	18.81	18.73		
15	64QAM	36	0	18.66	18.79	18.67	19.8	0
15	64QAM	36	20	18.76	18.70	18.75		
15	64QAM	36	39	18.88	18.70	18.76		
15	64QAM	75	0	18.98	18.83	18.80		
15	256QAM	1	0	19.06	18.96	19.07	19.8	0
15	256QAM	1	37	18.98	19.02	19.02		
15	256QAM	1	74	18.91	19.00	18.96		
15	256QAM	36	0	19.04	19.02	18.96	19.8	0
15	256QAM	36	20	18.96	19.05	19.04		
15	256QAM	36	39	19.02	18.98	19.12		
15	256QAM	75	0	19.02	19.03	19.00		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.90	18.93	18.95	19.8	0
10	QPSK	1	25	18.81	18.78	18.79		
10	QPSK	1	49	18.81	18.82	18.91		
10	QPSK	25	0	18.69	18.95	18.66	19.8	0
10	QPSK	25	12	18.74	18.80	18.69		
10	QPSK	25	25	18.84	18.66	18.69		
10	QPSK	50	0	18.94	18.72	18.64		
10	16QAM	1	0	18.65	18.97	18.67	19.8	0
10	16QAM	1	25	18.81	18.78	18.84		
10	16QAM	1	49	18.76	18.74	18.77		
10	16QAM	25	0	18.92	18.98	18.70	19.8	0
10	16QAM	25	12	18.67	18.72	18.71		
10	16QAM	25	25	18.87	18.69	18.72		
10	16QAM	50	0	19.07	18.77	19.04		
10	64QAM	1	0	18.67	18.69	18.86	19.8	0
10	64QAM	1	25	18.71	18.78	18.75		
10	64QAM	1	49	18.73	18.96	18.62		
10	64QAM	25	0	18.75	18.73	18.83	19.8	0
10	64QAM	25	12	18.65	18.64	18.83		
10	64QAM	25	25	18.98	18.82	18.80		
10	64QAM	50	0	18.97	18.76	18.71		
10	256QAM	1	0	19.07	18.97	19.00	19.8	0
10	256QAM	1	25	19.00	18.98	19.05		
10	256QAM	1	49	18.93	18.98	18.90		
10	256QAM	25	0	19.00	19.00	18.96	19.8	0
10	256QAM	25	12	18.97	19.00	19.06		
10	256QAM	25	25	19.04	18.94	19.12		
10	256QAM	50	0	19.05	19.07	18.99		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.97	18.87	18.97	19.8	0
5	QPSK	1	12	18.82	18.73	18.71		
5	QPSK	1	24	18.74	18.71	18.92		
5	QPSK	12	0	18.69	18.97	18.77	19.8	0
5	QPSK	12	7	18.73	18.85	18.69		
5	QPSK	12	13	18.88	18.67	18.68		
5	QPSK	25	0	18.99	18.67	18.67		
5	16QAM	1	0	18.72	19.01	18.81	19.8	0
5	16QAM	1	12	18.80	18.71	18.78		
5	16QAM	1	24	18.76	18.74	18.78		
5	16QAM	12	0	18.95	18.93	18.68	19.8	0
5	16QAM	12	7	18.74	18.67	18.78		
5	16QAM	12	13	18.94	18.71	18.68		
5	16QAM	25	0	19.07	18.74	18.93		
5	64QAM	1	0	18.79	18.75	18.82	19.8	0
5	64QAM	1	12	18.75	18.77	18.84		
5	64QAM	1	24	18.71	18.96	18.76		
5	64QAM	12	0	18.70	18.74	18.83	19.8	0
5	64QAM	12	7	18.73	18.72	18.79		
5	64QAM	12	13	18.92	18.66	18.66		
5	64QAM	25	0	18.90	18.76	18.68		
5	256QAM	1	0	19.06	18.90	18.96	19.8	0
5	256QAM	1	12	19.00	19.01	18.95		
5	256QAM	1	24	18.95	19.02	18.91		
5	256QAM	12	0	19.05	19.02	18.94	19.8	0
5	256QAM	12	7	19.02	18.97	19.06		
5	256QAM	12	13	19.10	18.89	19.04		
5	256QAM	25	0	19.09	19.07	18.98		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.03	19.03	19.01	19.8	0
3	QPSK	1	8	18.83	18.68	18.67		
3	QPSK	1	14	18.82	18.82	19.01		
3	QPSK	8	0	18.70	18.93	18.71	19.8	0
3	QPSK	8	4	18.71	18.75	18.75		
3	QPSK	8	7	18.81	18.82	18.73		
3	QPSK	15	0	18.94	18.69	18.68		
3	16QAM	1	0	18.78	18.97	18.79	19.8	0
3	16QAM	1	8	18.80	18.66	18.78		
3	16QAM	1	14	18.76	18.77	18.78		
3	16QAM	8	0	19.03	19.06	18.81	19.8	0
3	16QAM	8	4	18.63	18.78	18.82		
3	16QAM	8	7	18.93	18.79	18.73		
3	16QAM	15	0	18.92	18.78	18.94		
3	64QAM	1	0	18.79	18.75	18.85	19.8	0
3	64QAM	1	8	18.65	18.78	18.72		
3	64QAM	1	14	18.65	18.99	18.70		
3	64QAM	8	0	18.74	18.67	18.70	19.8	0
3	64QAM	8	4	18.64	18.78	18.84		
3	64QAM	8	7	19.01	18.77	18.74		
3	64QAM	15	0	19.03	18.68	18.73		
3	256QAM	1	0	19.03	19.00	19.02	19.8	0
3	256QAM	1	8	19.04	19.01	19.02		
3	256QAM	1	14	18.99	18.97	18.91		
3	256QAM	8	0	19.02	18.92	19.05	19.8	0
3	256QAM	8	4	18.95	19.04	19.03		
3	256QAM	8	7	19.10	18.89	19.02		
3	256QAM	15	0	19.00	19.07	19.03		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.94	19.02	19.02	19.8	0
1.4	QPSK	1	3	18.94	18.79	18.70		
1.4	QPSK	1	5	18.79	18.70	18.98		
1.4	QPSK	3	0	18.75	18.92	18.64		
1.4	QPSK	3	1	18.78	18.73	18.62		
1.4	QPSK	3	3	18.95	18.67	18.79		
1.4	QPSK	6	0	19.00	18.77	18.74	19.8	0
1.4	16QAM	1	0	18.73	18.98	18.71	19.8	0
1.4	16QAM	1	3	18.91	18.67	18.79		
1.4	16QAM	1	5	18.78	18.65	18.80		
1.4	16QAM	3	0	18.97	19.07	18.69		
1.4	16QAM	3	1	18.68	18.65	18.77		
1.4	16QAM	3	3	18.95	18.70	18.71		
1.4	16QAM	6	0	18.99	18.72	18.98	19.8	0
1.4	64QAM	1	0	18.78	18.68	18.81	19.8	0
1.4	64QAM	1	3	18.65	18.67	18.83		
1.4	64QAM	1	5	18.64	18.90	18.77		
1.4	64QAM	3	0	18.81	18.70	18.77		
1.4	64QAM	3	1	18.63	18.61	18.82		
1.4	64QAM	3	3	18.92	18.71	18.70		
1.4	64QAM	6	0	18.88	18.71	18.73	19.8	0
1.4	256QAM	1	0	18.80	18.66	18.78	19.8	0
1.4	256QAM	1	3	18.81	18.85	18.72		
1.4	256QAM	1	5	18.68	18.74	18.63		
1.4	256QAM	3	0	18.77	18.72	18.79		
1.4	256QAM	3	1	18.76	18.77	18.76		
1.4	256QAM	3	3	18.87	18.73	18.81		
1.4	256QAM	6	0	18.85	18.83	18.85	19.8	0

Band 4_ANT 5(DSI10)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.90	14.91	14.85	15.8	0
20	QPSK	1	49	14.85	14.83	14.81		
20	QPSK	1	99	14.80	14.88	14.83		
20	QPSK	50	0	14.82	14.90	14.86	15.8	0
20	QPSK	50	24	14.78	14.79	14.83		
20	QPSK	50	50	14.81	14.84	14.82		
20	QPSK	100	0	14.78	14.85	14.80		
20	16QAM	1	0	14.84	14.76	14.84	15.8	0
20	16QAM	1	49	14.76	14.80	14.82		
20	16QAM	1	99	14.79	14.77	14.82		
20	16QAM	50	0	14.89	14.83	14.80	15.8	0
20	16QAM	50	24	14.76	14.78	14.78		
20	16QAM	50	50	14.87	14.87	14.87		
20	16QAM	100	0	14.88	14.89	14.84		
20	64QAM	1	0	14.76	14.85	14.80	15.8	0
20	64QAM	1	49	14.82	14.86	14.77		
20	64QAM	1	99	14.76	14.79	14.85		
20	64QAM	50	0	14.88	14.83	14.77	15.8	0
20	64QAM	50	24	14.89	14.83	14.87		
20	64QAM	50	50	14.84	14.89	14.80		
20	64QAM	100	0	14.83	14.80	14.88		
20	256QAM	1	0	14.81	14.82	14.87	15.8	0
20	256QAM	1	49	14.86	14.86	14.76		
20	256QAM	1	99	14.81	14.87	14.82		
20	256QAM	50	0	14.85	14.85	14.78	15.8	0
20	256QAM	50	24	14.86	14.89	14.86		
20	256QAM	50	50	14.81	14.86	14.85		
20	256QAM	100	0	14.76	14.82	14.76		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.86	14.90	14.79	15.8	0
15	QPSK	1	37	14.74	14.77	14.70		
15	QPSK	1	74	14.76	14.82	14.80		
15	QPSK	36	0	14.70	14.79	14.79	15.8	0
15	QPSK	36	20	14.73	14.71	14.81		
15	QPSK	36	39	14.76	14.81	14.83		
15	QPSK	75	0	14.66	14.82	14.77		
15	16QAM	1	0	14.81	14.68	14.77	15.8	0
15	16QAM	1	37	14.68	14.71	14.69		
15	16QAM	1	74	14.76	14.66	14.73		
15	16QAM	36	0	14.76	14.76	14.67	15.8	0
15	16QAM	36	20	14.64	14.71	14.74		
15	16QAM	36	39	14.77	14.76	14.78		
15	16QAM	75	0	14.80	14.77	14.73		
15	64QAM	1	0	14.69	14.77	14.73	15.8	0
15	64QAM	1	37	14.69	14.78	14.72		
15	64QAM	1	74	14.65	14.75	14.79		
15	64QAM	36	0	14.78	14.73	14.66	15.8	0
15	64QAM	36	20	14.86	14.80	14.80		
15	64QAM	36	39	14.76	14.81	14.72		
15	64QAM	75	0	14.74	14.72	14.79		
15	256QAM	1	0	14.77	14.73	14.82	15.8	0
15	256QAM	1	37	14.81	14.79	14.68		
15	256QAM	1	74	14.69	14.76	14.74		
15	256QAM	36	0	14.79	14.79	14.71	15.8	0
15	256QAM	36	20	14.75	14.78	14.76		
15	256QAM	36	39	14.74	14.77	14.82		
15	256QAM	75	0	14.70	14.70	14.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.83	14.84	14.84	15.8	0
10	QPSK	1	25	14.77	14.74	14.69		
10	QPSK	1	49	14.67	14.82	14.75		
10	QPSK	25	0	14.70	14.80	14.78	15.8	0
10	QPSK	25	12	14.73	14.69	14.79		
10	QPSK	25	25	14.70	14.80	14.80		
10	QPSK	50	0	14.70	14.78	14.75		
10	16QAM	1	0	14.73	14.64	14.78	15.8	0
10	16QAM	1	25	14.69	14.69	14.74		
10	16QAM	1	49	14.72	14.74	14.79		
10	16QAM	25	0	14.81	14.70	14.75	15.8	0
10	16QAM	25	12	14.64	14.66	14.75		
10	16QAM	25	25	14.83	14.81	14.84		
10	16QAM	50	0	14.76	14.77	14.75		
10	64QAM	1	0	14.71	14.72	14.69	15.8	0
10	64QAM	1	25	14.78	14.75	14.69		
10	64QAM	1	49	14.70	14.71	14.73		
10	64QAM	25	0	14.83	14.74	14.74	15.8	0
10	64QAM	25	12	14.77	14.74	14.83		
10	64QAM	25	25	14.81	14.82	14.73		
10	64QAM	50	0	14.72	14.68	14.83		
10	256QAM	1	0	14.72	14.71	14.78	15.8	0
10	256QAM	1	25	14.81	14.82	14.72		
10	256QAM	1	49	14.68	14.80	14.77		
10	256QAM	25	0	14.82	14.78	14.70	15.8	0
10	256QAM	25	12	14.83	14.79	14.75		
10	256QAM	25	25	14.76	14.74	14.76		
10	256QAM	50	0	14.67	14.69	14.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.85	14.87	14.80	15.8	0
5	QPSK	1	12	14.76	14.71	14.74		
5	QPSK	1	24	14.68	14.76	14.74		
5	QPSK	12	0	14.76	14.81	14.81	15.8	0
5	QPSK	12	7	14.67	14.72	14.73		
5	QPSK	12	13	14.69	14.75	14.82		
5	QPSK	25	0	14.73	14.73	14.70		
5	16QAM	1	0	14.71	14.64	14.80	15.8	0
5	16QAM	1	12	14.69	14.73	14.76		
5	16QAM	1	24	14.70	14.72	14.76		
5	16QAM	12	0	14.80	14.80	14.72	15.8	0
5	16QAM	12	7	14.67	14.70	14.66		
5	16QAM	12	13	14.75	14.76	14.78		
5	16QAM	25	0	14.75	14.82	14.74		
5	64QAM	1	0	14.72	14.74	14.70	15.8	0
5	64QAM	1	12	14.74	14.79	14.69		
5	64QAM	1	24	14.64	14.74	14.79		
5	64QAM	12	0	14.77	14.71	14.64	15.8	0
5	64QAM	12	7	14.82	14.78	14.74		
5	64QAM	12	13	14.78	14.81	14.71		
5	64QAM	25	0	14.76	14.71	14.77		
5	256QAM	1	0	14.77	14.73	14.79	15.8	0
5	256QAM	1	12	14.78	14.74	14.72		
5	256QAM	1	24	14.73	14.83	14.74		
5	256QAM	12	0	14.77	14.74	14.67	15.8	0
5	256QAM	12	7	14.81	14.83	14.79		
5	256QAM	12	13	14.77	14.79	14.72		
5	256QAM	25	0	14.69	14.69	14.64		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.88	14.84	14.78	15.8	0
3	QPSK	1	8	14.74	14.75	14.70		
3	QPSK	1	14	14.76	14.75	14.76		
3	QPSK	8	0	14.79	14.87	14.79	15.8	0
3	QPSK	8	4	14.74	14.72	14.73		
3	QPSK	8	7	14.72	14.72	14.82		
3	QPSK	15	0	14.73	14.82	14.76		
3	16QAM	1	0	14.78	14.64	14.81	15.8	0
3	16QAM	1	8	14.70	14.67	14.73		
3	16QAM	1	14	14.71	14.66	14.69		
3	16QAM	8	0	14.78	14.73	14.68	15.8	0
3	16QAM	8	4	14.73	14.66	14.74		
3	16QAM	8	7	14.80	14.80	14.77		
3	16QAM	15	0	14.76	14.79	14.76		
3	64QAM	1	0	14.64	14.81	14.75	15.8	0
3	64QAM	1	8	14.71	14.75	14.64		
3	64QAM	1	14	14.73	14.73	14.72		
3	64QAM	8	0	14.77	14.79	14.70	15.8	0
3	64QAM	8	4	14.81	14.78	14.80		
3	64QAM	8	7	14.73	14.86	14.73		
3	64QAM	15	0	14.79	14.70	14.77		
3	256QAM	1	0	14.68	14.76	14.81	15.8	0
3	256QAM	1	8	14.81	14.83	14.73		
3	256QAM	1	14	14.77	14.81	14.74		
3	256QAM	8	0	14.79	14.73	14.69	15.8	0
3	256QAM	8	4	14.80	14.76	14.77		
3	256QAM	8	7	14.78	14.82	14.77		
3	256QAM	15	0	14.64	14.78	14.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.89	14.87	14.78	15.8	0
1.4	QPSK	1	3	14.77	14.77	14.68		
1.4	QPSK	1	5	14.70	14.75	14.70		
1.4	QPSK	3	0	14.71	14.80	14.77		
1.4	QPSK	3	1	14.74	14.76	14.79		
1.4	QPSK	3	3	14.75	14.79	14.77		
1.4	QPSK	6	0	14.69	14.82	14.70	15.8	0
1.4	16QAM	1	0	14.81	14.66	14.71	15.8	0
1.4	16QAM	1	3	14.68	14.71	14.77		
1.4	16QAM	1	5	14.76	14.74	14.74		
1.4	16QAM	3	0	14.76	14.80	14.68		
1.4	16QAM	3	1	14.64	14.73	14.65		
1.4	16QAM	3	3	14.77	14.82	14.84		
1.4	16QAM	6	0	14.83	14.83	14.75	15.8	0
1.4	64QAM	1	0	14.64	14.79	14.75	15.8	0
1.4	64QAM	1	3	14.76	14.83	14.69		
1.4	64QAM	1	5	14.70	14.70	14.78		
1.4	64QAM	3	0	14.81	14.78	14.65		
1.4	64QAM	3	1	14.85	14.70	14.76		
1.4	64QAM	3	3	14.79	14.77	14.77		
1.4	64QAM	6	0	14.78	14.75	14.76	15.8	0
1.4	256QAM	1	0	14.73	14.78	14.75	15.8	0
1.4	256QAM	1	3	14.76	14.83	14.68		
1.4	256QAM	1	5	14.73	14.78	14.70		
1.4	256QAM	3	0	14.78	14.76	14.69		
1.4	256QAM	3	1	14.82	14.80	14.79		
1.4	256QAM	3	3	14.71	14.82	14.73		
1.4	256QAM	6	0	14.64	14.70	14.70	15.8	0

Band 5_ANT 0(DSI10)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	18.75	18.72	18.71	20	0
10	QPSK	1	25	18.71	18.69	18.66		
10	QPSK	1	49	18.69	18.64	18.65		
10	QPSK	25	0	18.73	18.72	18.61	20	0
10	QPSK	25	12	18.72	18.70	18.60		
10	QPSK	25	25	18.64	18.61	18.60		
10	QPSK	50	0	18.65	18.71	18.66		
10	16QAM	1	0	18.66	18.68	18.62	20	0
10	16QAM	1	25	18.65	18.72	18.67		
10	16QAM	1	49	18.60	18.69	18.67		
10	16QAM	25	0	18.69	18.61	18.66	20	0
10	16QAM	25	12	18.65	18.69	18.60		
10	16QAM	25	25	18.73	18.62	18.62		
10	16QAM	50	0	18.63	18.73	18.67		
10	64QAM	1	0	18.60	18.62	18.71	20	0
10	64QAM	1	25	18.63	18.67	18.69		
10	64QAM	1	49	18.69	18.63	18.73		
10	64QAM	25	0	18.61	18.60	18.66	20	0
10	64QAM	25	12	18.62	18.60	18.68		
10	64QAM	25	25	18.71	18.71	18.68		
10	64QAM	50	0	18.66	18.64	18.60		
10	256QAM	1	0	17.92	18.04	17.97	19	1
10	256QAM	1	25	18.06	17.99	17.99		
10	256QAM	1	49	17.97	17.92	17.94		
10	256QAM	25	0	17.88	17.94	17.91	19	1
10	256QAM	25	12	17.85	17.87	17.91		
10	256QAM	25	25	17.97	17.87	17.94		
10	256QAM	50	0	17.96	17.86	17.87		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	18.60	18.62	18.56	20	0
5	QPSK	1	12	18.57	18.60	18.62		
5	QPSK	1	24	18.65	18.55	18.56		
5	QPSK	12	0	18.60	18.62	18.55	20	0
5	QPSK	12	7	18.60	18.63	18.56		
5	QPSK	12	13	18.61	18.56	18.52		
5	QPSK	25	0	18.50	18.63	18.61		
5	16QAM	1	0	18.57	18.63	18.51	20	0
5	16QAM	1	12	18.52	18.67	18.54		
5	16QAM	1	24	18.55	18.56	18.56		
5	16QAM	12	0	18.66	18.54	18.61	20	0
5	16QAM	12	7	18.58	18.58	18.54		
5	16QAM	12	13	18.61	18.58	18.53		
5	16QAM	25	0	18.59	18.68	18.59		
5	64QAM	1	0	18.47	18.51	18.60	20	0
5	64QAM	1	12	18.52	18.63	18.62		
5	64QAM	1	24	18.63	18.52	18.68		
5	64QAM	12	0	18.51	18.51	18.60	20	0
5	64QAM	12	7	18.49	18.56	18.65		
5	64QAM	12	13	18.63	18.63	18.61		
5	64QAM	25	0	18.55	18.52	18.57		
5	256QAM	1	0	17.83	17.97	17.86	19	1
5	256QAM	1	12	18.00	17.93	17.91		
5	256QAM	1	24	17.90	17.81	17.89		
5	256QAM	12	0	17.79	17.87	17.81	19	1
5	256QAM	12	7	17.79	17.78	17.86		
5	256QAM	12	13	17.87	17.83	17.81		
5	256QAM	25	0	17.92	17.82	17.80		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	18.62	18.68	18.53	20	0
3	QPSK	1	8	18.63	18.63	18.64		
3	QPSK	1	14	18.65	18.54	18.53		
3	QPSK	8	0	18.61	18.66	18.53	20	0
3	QPSK	8	4	18.54	18.58	18.51		
3	QPSK	8	7	18.60	18.56	18.47		
3	QPSK	15	0	18.52	18.64	18.62		
3	16QAM	1	0	18.62	18.58	18.53	20	0
3	16QAM	1	8	18.60	18.61	18.57		
3	16QAM	1	14	18.51	18.61	18.63		
3	16QAM	8	0	18.61	18.57	18.63	20	0
3	16QAM	8	4	18.59	18.58	18.51		
3	16QAM	8	7	18.61	18.54	18.57		
3	16QAM	15	0	18.55	18.64	18.54		
3	64QAM	1	0	18.55	18.49	18.68	20	0
3	64QAM	1	8	18.50	18.61	18.60		
3	64QAM	1	14	18.56	18.52	18.70		
3	64QAM	8	0	18.49	18.47	18.56	20	0
3	64QAM	8	4	18.55	18.47	18.57		
3	64QAM	8	7	18.65	18.59	18.57		
3	64QAM	15	0	18.53	18.61	18.48		
3	256QAM	1	0	17.83	17.92	17.91	19	1
3	256QAM	1	8	17.97	17.89	17.92		
3	256QAM	1	14	17.88	17.85	17.89		
3	256QAM	8	0	17.76	17.89	17.85	19	1
3	256QAM	8	4	17.74	17.74	17.87		
3	256QAM	8	7	17.85	17.79	17.86		
3	256QAM	15	0	17.85	17.83	17.74		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	18.68	18.63	18.62	20	0
1.4	QPSK	1	3	18.56	18.66	18.64		
1.4	QPSK	1	5	18.62	18.53	18.61		
1.4	QPSK	3	0	18.56	18.68	18.52		
1.4	QPSK	3	1	18.53	18.63	18.53		
1.4	QPSK	3	3	18.64	18.49	18.50		
1.4	QPSK	6	0	18.48	18.58	18.63	20	0
1.4	16QAM	1	0	18.62	18.58	18.58	20	0
1.4	16QAM	1	3	18.52	18.60	18.62		
1.4	16QAM	1	5	18.51	18.66	18.61		
1.4	16QAM	3	0	18.59	18.52	18.55		
1.4	16QAM	3	1	18.57	18.61	18.47		
1.4	16QAM	3	3	18.62	18.53	18.56		
1.4	16QAM	6	0	18.55	18.62	18.60	20	0
1.4	64QAM	1	0	18.48	18.50	18.61	20	0
1.4	64QAM	1	3	18.53	18.58	18.56		
1.4	64QAM	1	5	18.63	18.51	18.61		
1.4	64QAM	3	0	18.56	18.53	18.57		
1.4	64QAM	3	1	18.52	18.52	18.55		
1.4	64QAM	3	3	18.58	18.62	18.64		
1.4	64QAM	6	0	18.61	18.61	18.47	20	0
1.4	256QAM	1	0	17.89	17.91	17.85	19	1
1.4	256QAM	1	3	18.03	17.96	17.89		
1.4	256QAM	1	5	17.88	17.79	17.89		
1.4	256QAM	3	0	17.81	17.87	17.88		
1.4	256QAM	3	1	17.81	17.84	17.87		
1.4	256QAM	3	3	17.87	17.78	17.90		
1.4	256QAM	6	0	17.84	17.78	17.77	19	1

Band 7_ANT 2(DSI10)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.16	19.21	19.20	20	0
20	QPSK	1	49	18.97	19.13	19.19		
20	QPSK	1	99	19.15	18.97	18.87		
20	QPSK	50	0	18.92	19.12	19.10	20	0
20	QPSK	50	24	18.89	19.11	19.01		
20	QPSK	50	50	18.87	19.05	19.09		
20	QPSK	100	0	18.84	19.11	19.05		
20	16QAM	1	0	19.01	18.95	18.93	20	0
20	16QAM	1	49	19.07	18.96	18.93		
20	16QAM	1	99	18.94	18.91	19.04		
20	16QAM	50	0	18.89	18.93	19.03	20	0
20	16QAM	50	24	18.85	18.90	18.95		
20	16QAM	50	50	18.89	18.92	18.92		
20	16QAM	100	0	18.86	18.99	19.08		
20	64QAM	1	0	18.91	18.88	18.95	20	0
20	64QAM	1	49	19.02	18.97	18.92		
20	64QAM	1	99	18.93	18.96	18.97		
20	64QAM	50	0	18.71	18.99	19.00	20	0
20	64QAM	50	24	18.91	19.08	18.99		
20	64QAM	50	50	18.97	18.90	19.06		
20	64QAM	100	0	18.89	18.91	18.95		
20	256QAM	1	0	18.58	18.49	18.52	19	1
20	256QAM	1	49	18.52	18.44	18.54		
20	256QAM	1	99	18.42	18.42	18.39		
20	256QAM	50	0	18.33	18.34	18.38	19	1
20	256QAM	50	24	18.47	18.40	18.36		
20	256QAM	50	50	18.38	18.39	18.36		
20	256QAM	100	0	18.40	18.36	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.94	18.76	18.84	20	0
15	QPSK	1	37	18.75	18.78	18.87		
15	QPSK	1	74	18.73	18.81	18.72		
15	QPSK	36	0	18.64	18.93	18.93	20	0
15	QPSK	36	20	18.85	18.86	18.79		
15	QPSK	36	39	18.65	18.77	18.86		
15	QPSK	75	0	18.75	18.76	18.85		
15	16QAM	1	0	18.76	18.92	18.73	20	0
15	16QAM	1	37	18.71	18.91	18.75		
15	16QAM	1	74	18.79	18.91	18.84		
15	16QAM	36	0	18.66	18.75	18.78	20	0
15	16QAM	36	20	18.74	18.88	18.75		
15	16QAM	36	39	18.85	18.76	18.83		
15	16QAM	75	0	18.71	18.94	18.81		
15	64QAM	1	0	18.71	18.84	18.62	20	0
15	64QAM	1	37	18.85	18.85	18.68		
15	64QAM	1	74	18.70	18.91	18.78		
15	64QAM	36	0	18.67	18.89	18.99	20	0
15	64QAM	36	20	18.73	18.84	18.89		
15	64QAM	36	39	18.86	18.75	18.74		
15	64QAM	75	0	18.69	18.80	18.94		
15	256QAM	1	0	18.61	18.51	18.60	19	1
15	256QAM	1	37	18.62	18.67	18.63		
15	256QAM	1	74	18.67	18.64	18.61		
15	256QAM	36	0	18.60	18.56	18.61	19	1
15	256QAM	36	20	18.67	18.65	18.59		
15	256QAM	36	39	18.61	18.66	18.68		
15	256QAM	75	0	18.65	18.65	18.62		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.84	18.75	18.92	20	0
10	QPSK	1	25	18.78	18.88	18.85		
10	QPSK	1	49	18.63	18.90	18.70		
10	QPSK	25	0	18.60	18.97	18.87	20	0
10	QPSK	25	12	18.85	18.74	18.84		
10	QPSK	25	25	18.75	18.76	18.76		
10	QPSK	50	0	18.82	18.82	18.95		
10	16QAM	1	0	18.88	18.97	18.80	20	0
10	16QAM	1	25	18.67	18.94	18.90		
10	16QAM	1	49	18.78	18.90	18.77		
10	16QAM	25	0	18.62	18.77	18.78	20	0
10	16QAM	25	12	18.86	18.85	18.71		
10	16QAM	25	25	18.82	18.73	18.80		
10	16QAM	50	0	18.87	18.81	18.87		
10	64QAM	1	0	18.80	18.81	18.57	20	0
10	64QAM	1	25	18.80	18.79	18.70		
10	64QAM	1	49	18.74	18.87	18.72		
10	64QAM	25	0	18.54	18.87	18.98	20	0
10	64QAM	25	12	18.79	18.80	18.75		
10	64QAM	25	25	18.77	18.72	18.76		
10	64QAM	50	0	18.82	18.79	18.85		
10	256QAM	1	0	18.61	18.50	18.61	19	1
10	256QAM	1	25	18.62	18.67	18.63		
10	256QAM	1	49	18.67	18.64	18.61		
10	256QAM	25	0	18.60	18.56	18.62	19	1
10	256QAM	25	12	18.67	18.66	18.58		
10	256QAM	25	25	18.61	18.66	18.68		
10	256QAM	50	0	18.65	18.66	18.62		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.89	18.87	18.88	20	0
5	QPSK	1	12	18.84	18.90	18.87		
5	QPSK	1	24	18.70	18.87	18.81		
5	QPSK	12	0	18.69	18.99	18.86	20	0
5	QPSK	12	7	18.87	18.74	18.87		
5	QPSK	12	13	18.78	18.89	18.85		
5	QPSK	25	0	18.79	18.79	18.93		
5	16QAM	1	0	18.85	18.84	18.80	20	0
5	16QAM	1	12	18.66	18.82	18.90		
5	16QAM	1	24	18.81	18.76	18.77		
5	16QAM	12	0	18.74	18.80	18.83	20	0
5	16QAM	12	7	18.80	18.86	18.81		
5	16QAM	12	13	18.87	18.78	18.91		
5	16QAM	25	0	18.70	18.81	18.73		
5	64QAM	1	0	18.76	18.93	18.72	20	0
5	64QAM	1	12	18.87	18.79	18.81		
5	64QAM	1	24	18.65	18.83	18.84		
5	64QAM	12	0	18.60	18.79	18.98	20	0
5	64QAM	12	7	18.69	18.89	18.78		
5	64QAM	12	13	18.81	18.72	18.87		
5	64QAM	25	0	18.81	18.80	18.88		
5	256QAM	1	0	18.61	18.50	18.61	19	1
5	256QAM	1	12	18.62	18.67	18.63		
5	256QAM	1	24	18.67	18.64	18.62		
5	256QAM	12	0	18.60	18.56	18.61	19	1
5	256QAM	12	7	18.68	18.65	18.59		
5	256QAM	12	13	18.61	18.67	18.67		
5	256QAM	25	0	18.65	18.65	18.62		

Band 7_ANT 5(DSI10)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.27	13.33	13.30	14.8	0
20	QPSK	1	49	13.23	13.28	13.27		
20	QPSK	1	99	13.19	13.27	13.23		
20	QPSK	50	0	13.29	13.30	13.27	14.8	0
20	QPSK	50	24	13.25	13.24	13.26		
20	QPSK	50	50	13.23	13.24	13.23		
20	QPSK	100	0	13.25	13.26	13.23		
20	16QAM	1	0	13.24	13.24	13.21	14.8	0
20	16QAM	1	49	13.25	13.23	13.28		
20	16QAM	1	99	13.23	13.23	13.27		
20	16QAM	50	0	13.23	13.24	13.25	14.8	0
20	16QAM	50	24	13.25	13.25	13.19		
20	16QAM	50	50	13.21	13.30	13.22		
20	16QAM	100	0	13.27	13.25	13.28		
20	64QAM	1	0	13.25	13.18	13.28	14.8	0
20	64QAM	1	49	13.25	13.20	13.26		
20	64QAM	1	99	13.19	13.31	13.26		
20	64QAM	50	0	13.27	13.28	13.28	14.8	0
20	64QAM	50	24	13.30	13.27	13.27		
20	64QAM	50	50	13.31	13.20	13.26		
20	64QAM	100	0	13.28	13.26	13.19		
20	256QAM	1	0	13.18	13.24	13.31	14.8	0
20	256QAM	1	49	13.18	13.31	13.22		
20	256QAM	1	99	13.23	13.21	13.25		
20	256QAM	50	0	13.29	13.20	13.22	14.8	0
20	256QAM	50	24	13.23	13.18	13.24		
20	256QAM	50	50	13.29	13.31	13.30		
20	256QAM	100	0	13.31	13.28	13.31		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.21	13.28	13.29	14.8	0
15	QPSK	1	37	13.12	13.24	13.24		
15	QPSK	1	74	13.10	13.16	13.20		
15	QPSK	36	0	13.16	13.22	13.24	14.8	0
15	QPSK	36	20	13.19	13.19	13.22		
15	QPSK	36	39	13.18	13.17	13.13		
15	QPSK	75	0	13.16	13.14	13.10		
15	16QAM	1	0	13.12	13.13	13.09	14.8	0
15	16QAM	1	37	13.21	13.13	13.15		
15	16QAM	1	74	13.20	13.15	13.20		
15	16QAM	36	0	13.10	13.17	13.13	14.8	0
15	16QAM	36	20	13.14	13.14	13.10		
15	16QAM	36	39	13.18	13.25	13.16		
15	16QAM	75	0	13.22	13.17	13.25		
15	64QAM	1	0	13.13	13.11	13.20	14.8	0
15	64QAM	1	37	13.22	13.09	13.22		
15	64QAM	1	74	13.12	13.21	13.20		
15	64QAM	36	0	13.23	13.23	13.16	14.8	0
15	64QAM	36	20	13.25	13.23	13.21		
15	64QAM	36	39	13.28	13.07	13.23		
15	64QAM	75	0	13.16	13.22	13.14		
15	256QAM	1	0	13.06	13.16	13.26	14.8	0
15	256QAM	1	37	13.10	13.26	13.10		
15	256QAM	1	74	13.15	13.15	13.22		
15	256QAM	36	0	13.25	13.11	13.09	14.8	0
15	256QAM	36	20	13.20	13.07	13.20		
15	256QAM	36	39	13.16	13.26	13.23		
15	256QAM	75	0	13.27	13.24	13.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.20	13.26	13.29	14.8	0
10	QPSK	1	25	13.10	13.15	13.15		
10	QPSK	1	49	13.08	13.23	13.14		
10	QPSK	25	0	13.17	13.18	13.19	14.8	0
10	QPSK	25	12	13.22	13.17	13.16		
10	QPSK	25	25	13.17	13.20	13.19		
10	QPSK	50	0	13.13	13.20	13.13		
10	16QAM	1	0	13.15	13.19	13.12	14.8	0
10	16QAM	1	25	13.19	13.20	13.24		
10	16QAM	1	49	13.14	13.18	13.15		
10	16QAM	25	0	13.17	13.11	13.12	14.8	0
10	16QAM	25	12	13.20	13.14	13.11		
10	16QAM	25	25	13.17	13.27	13.13		
10	16QAM	50	0	13.24	13.15	13.19		
10	64QAM	1	0	13.20	13.07	13.17	14.8	0
10	64QAM	1	25	13.22	13.11	13.20		
10	64QAM	1	49	13.11	13.25	13.23		
10	64QAM	25	0	13.22	13.19	13.20	14.8	0
10	64QAM	25	12	13.27	13.23	13.19		
10	64QAM	25	25	13.20	13.08	13.17		
10	64QAM	50	0	13.20	13.13	13.10		
10	256QAM	1	0	13.05	13.16	13.26	14.8	0
10	256QAM	1	25	13.09	13.24	13.16		
10	256QAM	1	49	13.12	13.08	13.14		
10	256QAM	25	0	13.18	13.08	13.09	14.8	0
10	256QAM	25	12	13.15	13.06	13.13		
10	256QAM	25	25	13.22	13.24	13.27		
10	256QAM	50	0	13.19	13.16	13.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.25	13.27	13.29	14.8	0
5	QPSK	1	12	13.14	13.17	13.15		
5	QPSK	1	24	13.12	13.22	13.17		
5	QPSK	12	0	13.21	13.27	13.18	14.8	0
5	QPSK	12	7	13.15	13.20	13.13		
5	QPSK	12	13	13.19	13.19	13.17		
5	QPSK	25	0	13.19	13.16	13.14		
5	16QAM	1	0	13.15	13.17	13.13	14.8	0
5	16QAM	1	12	13.17	13.11	13.23		
5	16QAM	1	24	13.14	13.12	13.15		
5	16QAM	12	0	13.14	13.11	13.15	14.8	0
5	16QAM	12	7	13.13	13.13	13.12		
5	16QAM	12	13	13.14	13.22	13.17		
5	16QAM	25	0	13.24	13.20	13.20		
5	64QAM	1	0	13.21	13.10	13.25	14.8	0
5	64QAM	1	12	13.12	13.10	13.15		
5	64QAM	1	24	13.09	13.27	13.21		
5	64QAM	12	0	13.16	13.19	13.25	14.8	0
5	64QAM	12	7	13.22	13.19	13.18		
5	64QAM	12	13	13.20	13.17	13.13		
5	64QAM	25	0	13.24	13.17	13.08		
5	256QAM	1	0	13.08	13.20	13.27	14.8	0
5	256QAM	1	12	13.08	13.27	13.12		
5	256QAM	1	24	13.14	13.09	13.15		
5	256QAM	12	0	13.20	13.12	13.14	14.8	0
5	256QAM	12	7	13.10	13.05	13.14		
5	256QAM	12	13	13.24	13.27	13.19		
5	256QAM	25	0	13.24	13.15	13.18		

Band 12_ANT 0(DSI10)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	23.00	22.87	24	0
10	QPSK	1	25	22.77	22.78	22.74		
10	QPSK	1	49	22.70	22.55	22.64		
10	QPSK	25	0	21.74	21.77	21.75	23	1
10	QPSK	25	12	21.72	21.74	21.74		
10	QPSK	25	25	21.73	21.76	21.72		
10	QPSK	50	0	21.71	21.75	21.74		
10	16QAM	1	0	22.11	21.98	22.17	23	1
10	16QAM	1	25	22.34	22.10	22.09		
10	16QAM	1	49	22.36	22.03	21.99		
10	16QAM	25	0	20.82	20.70	20.72	22	2
10	16QAM	25	12	20.83	20.76	20.80		
10	16QAM	25	25	20.80	20.80	20.66		
10	16QAM	50	0	20.70	20.62	20.79		
10	64QAM	1	0	20.61	21.03	21.03	22	2
10	64QAM	1	25	21.12	21.06	21.07		
10	64QAM	1	49	20.98	21.11	20.94		
10	64QAM	25	0	19.70	19.80	19.68	21	3
10	64QAM	25	12	19.70	19.76	19.68		
10	64QAM	25	25	19.71	19.76	19.77		
10	64QAM	50	0	19.73	19.69	19.78		
10	256QAM	1	0	17.96	18.04	17.95	19	5
10	256QAM	1	25	17.99	18.03	17.97		
10	256QAM	1	49	18.03	17.95	17.94		
10	256QAM	25	0	17.93	17.97	17.90	19	5
10	256QAM	25	12	17.96	17.89	18.00		
10	256QAM	25	25	17.95	17.91	17.92		
10	256QAM	50	0	18.00	17.90	17.94		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.66	22.66	22.65	24	0
5	QPSK	1	12	22.76	22.75	22.72		
5	QPSK	1	24	22.69	22.67	22.65		
5	QPSK	12	0	21.69	21.69	21.65	23	1
5	QPSK	12	7	21.78	21.70	21.67		
5	QPSK	12	13	21.73	21.74	21.72		
5	QPSK	25	0	21.75	21.67	21.64		
5	16QAM	1	0	22.10	22.02	22.03	23	1
5	16QAM	1	12	22.16	22.15	22.18		
5	16QAM	1	24	22.05	22.09	22.00		
5	16QAM	12	0	20.76	20.77	20.71	22	2
5	16QAM	12	7	20.83	20.81	20.73		
5	16QAM	12	13	20.79	20.83	20.74		
5	16QAM	25	0	20.77	20.70	20.63		
5	64QAM	1	0	20.99	20.95	20.95	22	2
5	64QAM	1	12	21.02	21.06	20.98		
5	64QAM	1	24	20.89	20.95	20.96		
5	64QAM	12	0	19.73	19.75	19.66	21	3
5	64QAM	12	7	19.80	19.74	19.67		
5	64QAM	12	13	19.78	19.79	19.72		
5	64QAM	25	0	19.77	19.69	19.63		
5	256QAM	1	0	17.96	18.07	17.93	19	5
5	256QAM	1	12	18.01	18.07	18.01		
5	256QAM	1	24	18.07	17.98	17.96		
5	256QAM	12	0	17.97	17.98	17.89	19	5
5	256QAM	12	7	17.96	17.89	17.98		
5	256QAM	12	13	17.98	17.91	17.90		
5	256QAM	25	0	18.00	17.90	17.95		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.66	22.59	22.58	24	0
3	QPSK	1	8	22.69	22.66	22.61		
3	QPSK	1	14	22.57	22.58	22.52		
3	QPSK	8	0	21.74	21.65	21.61	23	1
3	QPSK	8	4	21.72	21.73	21.59		
3	QPSK	8	7	21.70	21.69	21.62		
3	QPSK	15	0	21.68	21.63	21.55		
3	16QAM	1	0	21.94	22.01	21.96	23	1
3	16QAM	1	8	22.11	22.08	22.04		
3	16QAM	1	14	21.99	21.93	21.91		
3	16QAM	8	0	20.84	20.75	20.70	22	2
3	16QAM	8	4	20.83	20.81	20.70		
3	16QAM	8	7	20.80	20.78	20.72		
3	16QAM	15	0	20.73	20.65	20.58		
3	64QAM	1	0	20.92	20.86	20.83	22	2
3	64QAM	1	8	20.94	20.90	20.89		
3	64QAM	1	14	20.92	20.86	20.83		
3	64QAM	8	0	19.77	19.72	19.64	21	3
3	64QAM	8	4	19.80	19.79	19.66		
3	64QAM	8	7	19.77	19.70	19.68		
3	64QAM	15	0	19.74	19.65	19.62		
3	256QAM	1	0	17.96	18.02	17.95	19	5
3	256QAM	1	8	18.03	18.02	17.99		
3	256QAM	1	14	17.99	17.98	17.91		
3	256QAM	8	0	17.97	17.93	17.93	19	5
3	256QAM	8	4	17.93	17.85	17.96		
3	256QAM	8	7	17.93	17.90	17.88		
3	256QAM	15	0	18.00	17.87	17.97		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.68	22.64	22.58	24	0
1.4	QPSK	1	3	22.65	22.67	22.61		
1.4	QPSK	1	5	22.60	22.62	22.57		
1.4	QPSK	3	0	22.68	22.69	22.63		
1.4	QPSK	3	1	22.69	22.70	22.66		
1.4	QPSK	3	3	22.68	22.70	22.62		
1.4	QPSK	6	0	21.68	21.59	21.60	23	1
1.4	16QAM	1	0	22.06	22.05	22.10	23	1
1.4	16QAM	1	3	22.08	22.12	21.95		
1.4	16QAM	1	5	22.03	22.03	22.00		
1.4	16QAM	3	0	21.89	21.92	21.79		
1.4	16QAM	3	1	21.87	21.87	21.78		
1.4	16QAM	3	3	21.88	21.85	21.77		
1.4	16QAM	6	0	20.77	20.69	20.67	22	2
1.4	64QAM	1	0	20.96	20.91	20.88	22	2
1.4	64QAM	1	3	20.90	20.94	20.84		
1.4	64QAM	1	5	20.83	20.89	20.79		
1.4	64QAM	3	0	20.86	20.84	20.75		
1.4	64QAM	3	1	20.83	20.88	20.79		
1.4	64QAM	3	3	20.78	20.73	20.72		
1.4	64QAM	6	0	19.75	19.64	19.65	21	3
1.4	256QAM	1	0	17.96	18.04	17.96	19	5
1.4	256QAM	1	3	18.03	18.06	17.96		
1.4	256QAM	1	5	18.02	17.96	17.97		
1.4	256QAM	3	0	17.91	17.97	17.91		
1.4	256QAM	3	1	17.99	17.93	17.97		
1.4	256QAM	3	3	17.97	17.89	17.88		
1.4	256QAM	6	0	18.02	17.90	17.93	19	5

Band 13_ANT 0(DSI10)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.05		24	0
10	QPSK	1	25		23.01			
10	QPSK	1	49		23.04			
10	QPSK	25	0		22.06		23	1
10	QPSK	25	12		22.05			
10	QPSK	25	25		22.00			
10	QPSK	50	0		22.05			
10	16QAM	1	0		22.78		23	1
10	16QAM	1	25		22.36			
10	16QAM	1	49		22.54			
10	16QAM	25	0		21.10		22	2
10	16QAM	25	12		21.15			
10	16QAM	25	25		21.14			
10	16QAM	50	0		21.02			
10	64QAM	1	0		21.18		22	2
10	64QAM	1	25		21.38			
10	64QAM	1	49		21.36			
10	64QAM	25	0		20.04		21	3
10	64QAM	25	12		20.17			
10	64QAM	25	25		20.06			
10	64QAM	50	0		20.15			
10	256QAM	1	0		18.14		19	5
10	256QAM	1	25		18.21			
10	256QAM	1	49		18.10			
10	256QAM	25	0		17.99		19	5
10	256QAM	25	12		18.02			
10	256QAM	25	25		18.00			
10	256QAM	50	0		18.06			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.80	22.78	22.86	24	0
5	QPSK	1	12	22.79	22.91	22.74		
5	QPSK	1	24	22.85	22.75	22.79		
5	QPSK	12	0	21.78	21.73	21.76	23	1
5	QPSK	12	7	21.78	21.76	21.72		
5	QPSK	12	13	21.79	21.78	21.78		
5	QPSK	25	0	21.79	21.73	21.79		
5	16QAM	1	0	22.31	22.07	22.01	23	1
5	16QAM	1	12	22.24	22.28	22.39		
5	16QAM	1	24	22.04	22.20	22.31		
5	16QAM	12	0	20.81	20.80	20.77	22	2
5	16QAM	12	7	20.87	20.90	20.87		
5	16QAM	12	13	20.75	20.88	20.84		
5	16QAM	25	0	20.78	20.80	20.75		
5	64QAM	1	0	20.89	20.91	21.27	22	2
5	64QAM	1	12	20.85	21.31	21.04		
5	64QAM	1	24	20.82	21.00	20.90		
5	64QAM	12	0	19.80	19.77	19.93	21	3
5	64QAM	12	7	19.91	19.78	19.78		
5	64QAM	12	13	19.87	19.79	19.90		
5	64QAM	25	0	19.80	19.81	19.82		
5	256QAM	1	0	18.15	18.06	18.23	19	5
5	256QAM	1	12	18.22	18.18	18.26		
5	256QAM	1	24	18.14	18.06	18.17		
5	256QAM	12	0	18.01	17.98	18.02	19	5
5	256QAM	12	7	18.02	17.98	18.09		
5	256QAM	12	13	18.02	17.91	18.01		
5	256QAM	25	0	18.09	18.01	18.11		

Band 17_ANT 0(DSI10)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.89	22.99	22.92	24	0
10	QPSK	1	25	22.81	22.92	22.83		
10	QPSK	1	49	22.72	22.86	22.62		
10	QPSK	25	0	21.82	21.84	21.82	23	1
10	QPSK	25	12	21.81	21.83	21.80		
10	QPSK	25	25	21.74	21.71	21.81		
10	QPSK	50	0	21.59	21.76	21.74		
10	16QAM	1	0	22.09	21.87	21.93	23	1
10	16QAM	1	25	22.12	22.19	22.36		
10	16QAM	1	49	21.96	22.09	22.18		
10	16QAM	25	0	20.77	20.66	20.77	22	2
10	16QAM	25	12	20.89	20.81	20.86		
10	16QAM	25	25	20.80	20.79	20.71		
10	16QAM	50	0	20.63	20.60	20.61		
10	64QAM	1	0	20.76	21.02	20.89	22	2
10	64QAM	1	25	21.05	20.96	20.98		
10	64QAM	1	49	20.89	20.84	20.55		
10	64QAM	25	0	19.68	19.75	19.78	21	3
10	64QAM	25	12	19.83	19.71	19.83		
10	64QAM	25	25	19.80	19.76	19.62		
10	64QAM	50	0	19.69	19.71	19.65		
10	256QAM	1	0	17.92	17.90	17.88	19	5
10	256QAM	1	25	18.01	18.00	17.98		
10	256QAM	1	49	18.02	17.88	17.93		
10	256QAM	25	0	17.99	17.96	17.93	19	5
10	256QAM	25	12	17.94	18.02	17.95		
10	256QAM	25	25	17.92	17.90	17.94		
10	256QAM	50	0	17.89	17.91	17.92		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.71	22.69	22.69	24	0
5	QPSK	1	12	22.65	22.68	22.69		
5	QPSK	1	24	22.56	22.61	22.61		
5	QPSK	12	0	21.66	21.69	21.67	23	1
5	QPSK	12	7	21.73	21.67	21.64		
5	QPSK	12	13	21.66	21.68	21.66		
5	QPSK	25	0	21.68	21.62	21.62		
5	16QAM	1	0	22.04	22.02	22.04	23	1
5	16QAM	1	12	22.11	22.02	22.19		
5	16QAM	1	24	21.97	21.98	21.96		
5	16QAM	12	0	20.73	20.75	20.75	22	2
5	16QAM	12	7	20.77	20.72	20.72		
5	16QAM	12	13	20.74	20.71	20.71		
5	16QAM	25	0	20.71	20.67	20.65		
5	64QAM	1	0	20.97	20.94	20.94	22	2
5	64QAM	1	12	20.89	20.99	20.93		
5	64QAM	1	24	20.84	20.86	20.85		
5	64QAM	12	0	19.72	19.74	19.71	21	3
5	64QAM	12	7	19.77	19.76	19.76		
5	64QAM	12	13	19.71	19.69	19.68		
5	64QAM	25	0	19.73	19.69	19.65		
5	256QAM	1	0	17.95	17.88	17.93	19	5
5	256QAM	1	12	17.97	18.02	18.03		
5	256QAM	1	24	17.99	17.93	17.90		
5	256QAM	12	0	18.03	17.90	17.99	19	5
5	256QAM	12	7	17.98	17.98	17.99		
5	256QAM	12	13	17.95	17.95	17.93		
5	256QAM	25	0	17.88	17.93	17.89		

Band 25_ANT 2(DSI10)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.82	17.97	17.96	18.8	0
20	QPSK	1	49	17.66	17.78	17.68		
20	QPSK	1	99	17.57	17.83	17.49		
20	QPSK	50	0	17.81	17.96	17.80	18.8	0
20	QPSK	50	24	17.61	17.80	17.59		
20	QPSK	50	50	17.80	17.85	17.78		
20	QPSK	100	0	17.73	17.93	17.67		
20	16QAM	1	0	17.64	17.84	17.59	18.8	0
20	16QAM	1	49	17.68	17.70	17.62		
20	16QAM	1	99	17.50	17.64	17.60		
20	16QAM	50	0	17.70	17.61	17.53	18.8	0
20	16QAM	50	24	17.67	17.74	17.70		
20	16QAM	50	50	17.58	17.75	17.66		
20	16QAM	100	0	17.55	17.67	17.61		
20	64QAM	1	0	17.78	17.65	17.72	18.8	0
20	64QAM	1	49	17.80	17.63	17.70		
20	64QAM	1	99	17.58	17.76	17.71		
20	64QAM	50	0	17.55	17.62	17.58	18.8	0
20	64QAM	50	24	17.75	17.85	17.65		
20	64QAM	50	50	17.53	17.75	17.56		
20	64QAM	100	0	17.69	17.68	17.67		
20	256QAM	1	0	17.81	17.79	17.76	18.8	0
20	256QAM	1	49	17.73	17.73	17.79		
20	256QAM	1	99	17.67	17.69	17.64		
20	256QAM	50	0	17.45	17.62	17.56	18.8	0
20	256QAM	50	24	17.75	17.61	17.63		
20	256QAM	50	50	17.66	17.71	17.70		
20	256QAM	100	0	17.56	17.53	17.58		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.58	17.49	17.52	18.8	0
15	QPSK	1	37	17.47	17.56	17.47		
15	QPSK	1	74	17.49	17.56	17.27		
15	QPSK	36	0	17.59	17.56	17.54	18.8	0
15	QPSK	36	20	17.58	17.71	17.57		
15	QPSK	36	39	17.59	17.70	17.57		
15	QPSK	75	0	17.64	17.70	17.44		
15	16QAM	1	0	17.62	17.80	17.54	18.8	0
15	16QAM	1	37	17.61	17.83	17.62		
15	16QAM	1	74	17.62	17.49	17.53		
15	16QAM	36	0	17.53	17.77	17.48	18.8	0
15	16QAM	36	20	17.66	17.85	17.49		
15	16QAM	36	39	17.61	17.79	17.54		
15	16QAM	75	0	17.72	17.74	17.51		
15	64QAM	1	0	17.82	17.73	17.62	18.8	0
15	64QAM	1	37	17.76	17.72	17.61		
15	64QAM	1	74	17.62	17.61	17.61		
15	64QAM	36	0	17.58	17.67	17.48	18.8	0
15	64QAM	36	20	17.63	17.75	17.55		
15	64QAM	36	39	17.56	17.73	17.63		
15	64QAM	75	0	17.66	17.67	17.54		
15	256QAM	1	0	17.69	17.71	17.69	18.8	0
15	256QAM	1	37	17.61	17.67	17.78		
15	256QAM	1	74	17.74	17.67	17.72		
15	256QAM	36	0	17.77	17.75	17.72	18.8	0
15	256QAM	36	20	17.69	17.68	17.75		
15	256QAM	36	39	17.68	17.87	17.70		
15	256QAM	75	0	17.64	17.65	17.71		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.51	17.70	17.49	18.8	0
10	QPSK	1	25	17.69	17.66	17.54		
10	QPSK	1	49	17.46	17.61	17.59		
10	QPSK	25	0	17.66	17.71	17.54	18.8	0
10	QPSK	25	12	17.72	17.64	17.63		
10	QPSK	25	25	17.66	17.71	17.62		
10	QPSK	50	0	17.79	17.76	17.68		
10	16QAM	1	0	17.67	17.69	17.75	18.8	0
10	16QAM	1	25	17.74	17.76	17.81		
10	16QAM	1	49	17.74	17.74	17.67		
10	16QAM	25	0	17.62	17.65	17.56	18.8	0
10	16QAM	25	12	17.77	17.81	17.71		
10	16QAM	25	25	17.73	17.68	17.60		
10	16QAM	50	0	17.71	17.72	17.68		
10	64QAM	1	0	17.61	17.61	17.72	18.8	0
10	64QAM	1	25	17.63	17.76	17.69		
10	64QAM	1	49	17.65	17.73	17.74		
10	64QAM	25	0	17.73	17.59	17.64	18.8	0
10	64QAM	25	12	17.83	17.71	17.74		
10	64QAM	25	25	17.73	17.61	17.59		
10	64QAM	50	0	17.77	17.62	17.61		
10	256QAM	1	0	17.71	17.51	17.70	18.8	0
10	256QAM	1	25	17.77	17.80	17.66		
10	256QAM	1	49	17.80	17.70	17.86		
10	256QAM	25	0	17.70	17.69	17.81	18.8	0
10	256QAM	25	12	17.62	17.83	17.81		
10	256QAM	25	25	17.60	17.58	17.77		
10	256QAM	50	0	17.73	17.75	17.82		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.57	17.77	17.55	18.8	0
5	QPSK	1	12	17.72	17.69	17.65		
5	QPSK	1	24	17.67	17.80	17.43		
5	QPSK	12	0	17.76	17.57	17.65	18.8	0
5	QPSK	12	7	17.71	17.59	17.61		
5	QPSK	12	13	17.73	17.58	17.63		
5	QPSK	25	0	17.67	17.73	17.58		
5	16QAM	1	0	17.67	17.67	17.76	18.8	0
5	16QAM	1	12	17.74	17.71	17.67		
5	16QAM	1	24	17.66	17.59	17.78		
5	16QAM	12	0	17.77	17.77	17.56	18.8	0
5	16QAM	12	7	17.75	17.76	17.69		
5	16QAM	12	13	17.79	17.69	17.67		
5	16QAM	25	0	17.81	17.75	17.46		
5	64QAM	1	0	17.87	17.59	17.82	18.8	0
5	64QAM	1	12	17.74	17.70	17.61		
5	64QAM	1	24	17.74	17.77	17.61		
5	64QAM	12	0	17.75	17.72	17.66	18.8	0
5	64QAM	12	7	17.72	17.70	17.64		
5	64QAM	12	13	17.72	17.64	17.67		
5	64QAM	25	0	17.79	17.68	17.56		
5	256QAM	1	0	17.78	17.70	17.71	18.8	0
5	256QAM	1	12	17.85	17.74	17.83		
5	256QAM	1	24	17.68	17.76	17.81		
5	256QAM	12	0	17.80	17.57	17.83	18.8	0
5	256QAM	12	7	17.62	17.88	17.80		
5	256QAM	12	13	17.70	17.61	17.79		
5	256QAM	25	0	17.73	17.72	17.70		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.59	17.70	17.56	18.8	0
3	QPSK	1	8	17.70	17.71	17.51		
3	QPSK	1	14	17.60	17.69	17.52		
3	QPSK	8	0	17.68	17.74	17.66	18.8	0
3	QPSK	8	4	17.74	17.71	17.56		
3	QPSK	8	7	17.63	17.68	17.67		
3	QPSK	15	0	17.67	17.67	17.67		
3	16QAM	1	0	17.59	17.71	17.72	18.8	0
3	16QAM	1	8	17.70	17.73	17.69		
3	16QAM	1	14	17.72	17.62	17.72		
3	16QAM	8	0	17.88	17.76	17.76	18.8	0
3	16QAM	8	4	17.86	17.70	17.67		
3	16QAM	8	7	17.71	17.77	17.73		
3	16QAM	15	0	17.78	17.73	17.65		
3	64QAM	1	0	17.78	17.76	17.79	18.8	0
3	64QAM	1	8	17.86	17.80	17.82		
3	64QAM	1	14	17.92	17.78	17.68		
3	64QAM	8	0	17.68	17.71	17.59	18.8	0
3	64QAM	8	4	17.66	17.77	17.74		
3	64QAM	8	7	17.69	17.60	17.68		
3	64QAM	15	0	17.63	17.74	17.53		
3	256QAM	1	0	17.57	17.60	17.81	18.8	0
3	256QAM	1	8	17.79	17.76	17.79		
3	256QAM	1	14	17.66	17.72	17.61		
3	256QAM	8	0	17.85	17.61	17.63	18.8	0
3	256QAM	8	4	17.86	17.69	17.58		
3	256QAM	8	7	17.77	17.77	17.56		
3	256QAM	15	0	17.81	17.65	17.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.71	17.65	17.52	18.8	0
1.4	QPSK	1	3	17.65	17.65	17.42		
1.4	QPSK	1	5	17.64	17.70	17.53		
1.4	QPSK	3	0	17.57	17.72	17.50		
1.4	QPSK	3	1	17.57	17.68	17.57		
1.4	QPSK	3	3	17.64	17.62	17.47		
1.4	QPSK	6	0	17.58	17.82	17.45	18.8	0
1.4	16QAM	1	0	17.88	17.71	17.84	18.8	0
1.4	16QAM	1	3	17.52	17.53	17.57		
1.4	16QAM	1	5	17.61	17.61	17.73		
1.4	16QAM	3	0	17.77	17.58	17.80		
1.4	16QAM	3	1	17.59	17.72	17.66		
1.4	16QAM	3	3	17.62	17.84	17.71		
1.4	16QAM	6	0	17.63	17.66	17.74	18.8	0
1.4	64QAM	1	0	17.87	17.80	17.80	18.8	0
1.4	64QAM	1	3	17.88	17.72	17.72		
1.4	64QAM	1	5	17.58	17.84	17.68		
1.4	64QAM	3	0	17.69	17.78	17.61		
1.4	64QAM	3	1	17.75	17.74	17.67		
1.4	64QAM	3	3	17.72	17.77	17.57		
1.4	64QAM	6	0	17.67	17.66	17.61	18.8	0
1.4	256QAM	1	0	17.69	17.75	17.65	18.8	0
1.4	256QAM	1	3	17.86	17.72	17.72		
1.4	256QAM	1	5	17.81	17.80	17.83		
1.4	256QAM	3	0	17.78	17.72	17.80		
1.4	256QAM	3	1	17.87	17.80	17.69		
1.4	256QAM	3	3	17.74	17.56	17.76		
1.4	256QAM	6	0	17.86	17.80	17.64	18.8	0

Band 26 for FCC_ANT 0(DSI10)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	18.76	18.78	18.76	20	0
15	QPSK	1	37	18.72	18.73	18.74		
15	QPSK	1	74	18.69	18.67	18.69		
15	QPSK	36	0	18.69	18.76	18.73	20	0
15	QPSK	36	20	18.67	18.73	18.65		
15	QPSK	36	39	18.66	18.69	18.64		
15	QPSK	75	0	18.69	18.75	18.63		
15	16QAM	1	0	18.68	18.71	18.69	20	0
15	16QAM	1	37	18.63	18.67	18.73		
15	16QAM	1	74	18.68	18.67	18.65		
15	16QAM	36	0	18.70	18.71	18.70	20	0
15	16QAM	36	20	18.74	18.72	18.72		
15	16QAM	36	39	18.64	18.72	18.75		
15	16QAM	75	0	18.63	18.76	18.65		
15	64QAM	1	0	18.66	18.76	18.68	20	0
15	64QAM	1	37	18.66	18.72	18.69		
15	64QAM	1	74	18.71	18.75	18.72		
15	64QAM	36	0	18.63	18.71	18.76	20	0
15	64QAM	36	20	18.69	18.64	18.63		
15	64QAM	36	39	18.64	18.67	18.75		
15	64QAM	75	0	18.66	18.70	18.70		
15	256QAM	1	0	17.98	18.03	18.06	19	1
15	256QAM	1	37	18.02	17.97	17.95		
15	256QAM	1	74	17.97	18.00	17.98		
15	256QAM	36	0	17.80	17.89	17.82	19	1
15	256QAM	36	20	17.79	17.79	17.88		
15	256QAM	36	39	17.81	17.91	17.92		
15	256QAM	75	0	17.79	17.84	17.88		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	18.71	18.68	18.73	20	0
10	QPSK	1	25	18.65	18.69	18.62		
10	QPSK	1	49	18.59	18.58	18.63		
10	QPSK	25	0	18.56	18.63	18.57	20	0
10	QPSK	25	12	18.63	18.58	18.65		
10	QPSK	25	25	18.61	18.65	18.55		
10	QPSK	50	0	18.56	18.69	18.57		
10	16QAM	1	0	18.58	18.67	18.66	20	0
10	16QAM	1	25	18.60	18.54	18.60		
10	16QAM	1	49	18.62	18.62	18.55		
10	16QAM	25	0	18.58	18.68	18.61	20	0
10	16QAM	25	12	18.63	18.68	18.62		
10	16QAM	25	25	18.53	18.65	18.66		
10	16QAM	50	0	18.58	18.63	18.52		
10	64QAM	1	0	18.56	18.64	18.57	20	0
10	64QAM	1	25	18.59	18.60	18.59		
10	64QAM	1	49	18.59	18.68	18.64		
10	64QAM	25	0	18.54	18.60	18.66	20	0
10	64QAM	25	12	18.62	18.56	18.59		
10	64QAM	25	25	18.61	18.63	18.67		
10	64QAM	50	0	18.63	18.66	18.57		
10	256QAM	1	0	17.85	17.93	17.99	19	1
10	256QAM	1	25	17.92	17.89	17.89		
10	256QAM	1	49	17.86	17.87	17.95		
10	256QAM	25	0	17.77	17.82	17.72	19	1
10	256QAM	25	12	17.76	17.75	17.77		
10	256QAM	25	25	17.68	17.81	17.85		
10	256QAM	50	0	17.76	17.78	17.85		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	18.63	18.69	18.68	20	0
5	QPSK	1	12	18.63	18.62	18.68		
5	QPSK	1	24	18.63	18.58	18.64		
5	QPSK	12	0	18.54	18.73	18.53	20	0
5	QPSK	12	7	18.54	18.51	18.68		
5	QPSK	12	13	18.57	18.68	18.51		
5	QPSK	25	0	18.58	18.70	18.55		
5	16QAM	1	0	18.60	18.60	18.57	20	0
5	16QAM	1	12	18.54	18.59	18.61		
5	16QAM	1	24	18.59	18.63	18.58		
5	16QAM	12	0	18.58	18.64	18.63	20	0
5	16QAM	12	7	18.62	18.68	18.64		
5	16QAM	12	13	18.61	18.63	18.68		
5	16QAM	25	0	18.54	18.67	18.55		
5	64QAM	1	0	18.62	18.73	18.65	20	0
5	64QAM	1	12	18.62	18.62	18.62		
5	64QAM	1	24	18.64	18.66	18.62		
5	64QAM	12	0	18.57	18.60	18.65	20	0
5	64QAM	12	7	18.62	18.52	18.56		
5	64QAM	12	13	18.55	18.60	18.65		
5	64QAM	25	0	18.54	18.60	18.57		
5	256QAM	1	0	17.89	18.00	18.00	19	1
5	256QAM	1	12	17.97	17.92	17.82		
5	256QAM	1	24	17.87	17.87	17.92		
5	256QAM	12	0	17.72	17.84	17.79	19	1
5	256QAM	12	7	17.71	17.68	17.82		
5	256QAM	12	13	17.71	17.87	17.81		
5	256QAM	25	0	17.68	17.80	17.76		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	18.65	18.75	18.67	20	0
3	QPSK	1	8	18.55	18.60	18.70		
3	QPSK	1	14	18.67	18.58	18.59		
3	QPSK	8	0	18.52	18.67	18.59	20	0
3	QPSK	8	4	18.57	18.51	18.62		
3	QPSK	8	7	18.64	18.64	18.56		
3	QPSK	15	0	18.57	18.65	18.54		
3	16QAM	1	0	18.56	18.58	18.62	20	0
3	16QAM	1	8	18.53	18.55	18.68		
3	16QAM	1	14	18.56	18.55	18.52		
3	16QAM	8	0	18.63	18.68	18.62	20	0
3	16QAM	8	4	18.69	18.68	18.61		
3	16QAM	8	7	18.59	18.68	18.65		
3	16QAM	15	0	18.52	18.73	18.60		
3	64QAM	1	0	18.56	18.67	18.62	20	0
3	64QAM	1	8	18.57	18.61	18.63		
3	64QAM	1	14	18.66	18.72	18.65		
3	64QAM	8	0	18.57	18.66	18.70	20	0
3	64QAM	8	4	18.63	18.54	18.57		
3	64QAM	8	7	18.57	18.60	18.64		
3	64QAM	15	0	18.55	18.58	18.61		
3	256QAM	1	0	17.88	17.91	18.01	19	1
3	256QAM	1	8	17.91	17.92	17.91		
3	256QAM	1	14	17.94	17.88	17.86		
3	256QAM	8	0	17.75	17.81	17.79	19	1
3	256QAM	8	4	17.76	17.75	17.76		
3	256QAM	8	7	17.75	17.87	17.79		
3	256QAM	15	0	17.68	17.75	17.75		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	18.68	18.67	18.66	20	0
1.4	QPSK	1	3	18.62	18.60	18.63		
1.4	QPSK	1	5	18.59	18.56	18.58		
1.4	QPSK	3	0	18.53	18.64	18.56		
1.4	QPSK	3	1	18.60	18.51	18.61		
1.4	QPSK	3	3	18.61	18.60	18.51		
1.4	QPSK	6	0	18.56	18.63	18.57	20	0
1.4	16QAM	1	0	18.65	18.60	18.56	20	0
1.4	16QAM	1	3	18.59	18.64	18.60		
1.4	16QAM	1	5	18.57	18.58	18.52		
1.4	16QAM	3	0	18.60	18.68	18.58		
1.4	16QAM	3	1	18.69	18.64	18.66		
1.4	16QAM	3	3	18.57	18.67	18.62		
1.4	16QAM	6	0	18.55	18.67	18.57	20	0
1.4	64QAM	1	0	18.60	18.69	18.57	20	0
1.4	64QAM	1	3	18.62	18.67	18.61		
1.4	64QAM	1	5	18.63	18.68	18.68		
1.4	64QAM	3	0	18.59	18.65	18.64		
1.4	64QAM	3	1	18.56	18.59	18.51		
1.4	64QAM	3	3	18.51	18.64	18.70		
1.4	64QAM	6	0	18.59	18.65	18.57	20	0
1.4	256QAM	1	0	17.86	17.98	18.01	19	1
1.4	256QAM	1	3	17.92	17.93	17.91		
1.4	256QAM	1	5	17.90	17.88	17.88		
1.4	256QAM	3	0	17.84	17.98	17.84		
1.4	256QAM	3	1	17.90	17.88	17.91		
1.4	256QAM	3	3	17.97	17.84	17.90		
1.4	256QAM	6	0	17.67	17.79	17.78	19	1

Band 30_ANT 2(DSI10)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.25		21	0
10	QPSK	1	25		19.97			
10	QPSK	1	49		20.03			
10	QPSK	25	0		20.18		21	0
10	QPSK	25	12		19.96			
10	QPSK	25	25		19.97			
10	QPSK	50	0		20.05			
10	16QAM	1	0		20.18		21	0
10	16QAM	1	25		20.14			
10	16QAM	1	49		20.15			
10	16QAM	25	0		20.05		21	0
10	16QAM	25	12		19.94			
10	16QAM	25	25		19.99			
10	16QAM	50	0		19.97			
10	64QAM	1	0		20.13		21	0
10	64QAM	1	25		20.11			
10	64QAM	1	49		19.91			
10	64QAM	25	0		19.96		21	0
10	64QAM	25	12		19.99			
10	64QAM	25	25		19.99			
10	64QAM	50	0		19.93			
10	256QAM	1	0		18.54		19.8	1.2
10	256QAM	1	25		18.77			
10	256QAM	1	49		18.53			
10	256QAM	25	0		18.49		19.8	1.2
10	256QAM	25	12		18.52			
10	256QAM	25	25		18.54			
10	256QAM	50	0		18.47			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.69	19.97	20.04	21	0
5	QPSK	1	12	19.83	19.87	19.77		
5	QPSK	1	24	19.88	19.85	19.73		
5	QPSK	12	0	19.85	19.92	19.93	21	0
5	QPSK	12	7	19.92	19.92	20.05		
5	QPSK	12	13	19.84	19.92	20.00		
5	QPSK	25	0	19.89	19.74	19.82		
5	16QAM	1	0	19.75	19.74	19.87	21	0
5	16QAM	1	12	19.87	19.83	19.67		
5	16QAM	1	24	19.87	19.73	19.68		
5	16QAM	12	0	19.91	19.81	19.95	21	0
5	16QAM	12	7	19.87	19.89	19.80		
5	16QAM	12	13	19.90	19.92	19.91		
5	16QAM	25	0	19.81	20.00	19.99		
5	64QAM	1	0	19.88	20.01	19.85	21	0
5	64QAM	1	12	19.75	19.83	20.01		
5	64QAM	1	24	19.94	19.72	19.79		
5	64QAM	12	0	19.86	19.85	19.93	21	0
5	64QAM	12	7	19.82	19.90	19.71		
5	64QAM	12	13	19.87	19.87	19.86		
5	64QAM	25	0	19.94	19.77	19.98		
5	256QAM	1	0	18.90	18.96	18.92	19.8	1.2
5	256QAM	1	12	18.95	18.96	18.92		
5	256QAM	1	24	18.94	18.86	18.90		
5	256QAM	12	0	18.90	18.91	18.91	19.8	1.2
5	256QAM	12	7	18.80	18.88	18.85		
5	256QAM	12	13	18.86	18.88	18.84		
5	256QAM	25	0	18.84	18.91	18.88		

Band 66_ANT 2(DSI10)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.15	19.26	19.21	19.8	0
20	QPSK	1	49	19.10	19.03	19.19		
20	QPSK	1	99	19.02	18.95	19.00		
20	QPSK	50	0	19.10	19.17	19.00	19.8	0
20	QPSK	50	24	18.96	19.16	18.94		
20	QPSK	50	50	18.89	19.07	18.87		
20	QPSK	100	0	18.94	19.10	18.89		
20	16QAM	1	0	19.03	19.11	18.98	19.8	0
20	16QAM	1	49	18.90	19.11	18.79		
20	16QAM	1	99	19.11	19.13	19.15		
20	16QAM	50	0	18.98	19.19	19.05	19.8	0
20	16QAM	50	24	19.09	19.13	18.99		
20	16QAM	50	50	19.08	19.13	18.96		
20	16QAM	100	0	19.02	19.16	18.96		
20	64QAM	1	0	19.15	19.17	18.95	19.8	0
20	64QAM	1	49	19.13	19.19	19.10		
20	64QAM	1	99	19.18	19.13	18.93		
20	64QAM	50	0	18.93	19.08	19.05	19.8	0
20	64QAM	50	24	19.10	19.12	18.96		
20	64QAM	50	50	18.98	19.08	18.89		
20	64QAM	100	0	19.07	18.97	18.97		
20	256QAM	1	0	18.99	19.09	19.05	19.8	0
20	256QAM	1	49	18.65	19.11	18.92		
20	256QAM	1	99	18.96	18.84	18.84		
20	256QAM	50	0	18.83	18.85	18.84	19.8	0
20	256QAM	50	24	18.86	18.91	18.86		
20	256QAM	50	50	18.94	18.91	18.76		
20	256QAM	100	0	18.95	18.87	18.84		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.03	18.85	18.69	19.8	0
15	QPSK	1	37	18.83	18.94	18.86		
15	QPSK	1	74	18.94	18.88	18.76		
15	QPSK	36	0	18.95	18.93	18.96	19.8	0
15	QPSK	36	20	19.11	18.75	18.93		
15	QPSK	36	39	19.00	18.88	18.87		
15	QPSK	75	0	18.86	18.81	18.95		
15	16QAM	1	0	18.84	18.85	18.93	19.8	0
15	16QAM	1	37	18.79	18.93	18.82		
15	16QAM	1	74	18.75	18.83	18.89		
15	16QAM	36	0	18.92	18.85	18.88	19.8	0
15	16QAM	36	20	18.86	18.86	18.92		
15	16QAM	36	39	18.83	18.79	18.84		
15	16QAM	75	0	18.89	18.93	18.99		
15	64QAM	1	0	18.78	18.79	18.86	19.8	0
15	64QAM	1	37	18.90	18.90	18.82		
15	64QAM	1	74	18.84	18.90	18.72		
15	64QAM	36	0	18.90	18.85	18.96	19.8	0
15	64QAM	36	20	18.92	18.82	18.85		
15	64QAM	36	39	18.85	18.85	18.88		
15	64QAM	75	0	18.80	18.75	18.99		
15	256QAM	1	0	18.92	18.94	18.89	19.8	0
15	256QAM	1	37	18.91	19.00	18.92		
15	256QAM	1	74	18.98	18.96	18.91		
15	256QAM	36	0	18.94	18.94	18.97	19.8	0
15	256QAM	36	20	18.96	18.92	18.85		
15	256QAM	36	39	18.99	18.97	18.89		
15	256QAM	75	0	18.89	18.91	18.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.97	18.77	18.69	19.8	0
10	QPSK	1	25	18.96	18.95	18.79		
10	QPSK	1	49	18.90	18.78	18.67		
10	QPSK	25	0	18.99	18.75	18.93	19.8	0
10	QPSK	25	12	19.02	18.81	18.95		
10	QPSK	25	25	18.91	18.93	18.97		
10	QPSK	50	0	18.83	18.83	18.91		
10	16QAM	1	0	18.87	18.80	18.92	19.8	0
10	16QAM	1	25	18.79	18.97	18.90		
10	16QAM	1	49	18.90	18.80	18.81		
10	16QAM	25	0	18.94	18.92	18.74	19.8	0
10	16QAM	25	12	18.85	18.90	18.91		
10	16QAM	25	25	18.98	18.90	18.92		
10	16QAM	50	0	18.78	18.76	18.89		
10	64QAM	1	0	18.78	18.84	18.77	19.8	0
10	64QAM	1	25	18.88	18.76	18.95		
10	64QAM	1	49	18.83	18.86	18.73		
10	64QAM	25	0	19.06	18.81	18.83	19.8	0
10	64QAM	25	12	18.76	18.79	18.87		
10	64QAM	25	25	18.77	18.79	18.99		
10	64QAM	50	0	18.87	18.73	18.86		
10	256QAM	1	0	18.90	18.95	18.95	19.8	0
10	256QAM	1	25	18.89	19.00	18.90		
10	256QAM	1	49	18.95	18.96	18.94		
10	256QAM	25	0	18.96	18.89	18.97	19.8	0
10	256QAM	25	12	18.99	18.97	18.82		
10	256QAM	25	25	18.98	18.99	18.89		
10	256QAM	50	0	18.89	18.92	18.97		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.91	18.92	18.80	19.8	0
5	QPSK	1	12	18.97	18.91	18.81		
5	QPSK	1	24	18.80	18.85	18.67		
5	QPSK	12	0	19.10	18.85	18.94	19.8	0
5	QPSK	12	7	19.02	18.82	19.01		
5	QPSK	12	13	18.91	18.85	18.88		
5	QPSK	25	0	18.90	18.83	18.89		
5	16QAM	1	0	18.90	18.92	18.80	19.8	0
5	16QAM	1	12	18.88	18.97	18.89		
5	16QAM	1	24	18.87	18.81	18.89		
5	16QAM	12	0	18.96	18.80	18.75	19.8	0
5	16QAM	12	7	18.89	18.95	18.94		
5	16QAM	12	13	18.94	18.92	18.78		
5	16QAM	25	0	18.73	18.90	18.86		
5	64QAM	1	0	18.87	18.82	18.90	19.8	0
5	64QAM	1	12	18.88	18.81	18.79		
5	64QAM	1	24	18.96	18.89	18.74		
5	64QAM	12	0	18.92	18.93	18.94	19.8	0
5	64QAM	12	7	18.88	18.87	18.88		
5	64QAM	12	13	18.89	18.81	18.96		
5	64QAM	25	0	18.91	18.72	18.88		
5	256QAM	1	0	18.97	18.94	18.94	19.8	0
5	256QAM	1	12	18.88	18.98	18.98		
5	256QAM	1	24	19.02	18.94	18.94		
5	256QAM	12	0	18.96	18.88	18.90	19.8	0
5	256QAM	12	7	18.99	18.96	18.82		
5	256QAM	12	13	18.98	18.95	18.85		
5	256QAM	25	0	18.89	18.94	19.02		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.86	18.86	18.66	19.8	0
3	QPSK	1	8	18.95	18.83	18.71		
3	QPSK	1	14	18.89	18.84	18.81		
3	QPSK	8	0	19.11	18.78	18.88	19.8	0
3	QPSK	8	4	18.94	18.78	19.03		
3	QPSK	8	7	19.03	18.95	18.95		
3	QPSK	15	0	18.80	18.82	18.92		
3	16QAM	1	0	18.86	18.79	18.93	19.8	0
3	16QAM	1	8	18.88	18.96	18.92		
3	16QAM	1	14	18.89	18.91	18.95		
3	16QAM	8	0	18.90	18.75	18.80	19.8	0
3	16QAM	8	4	18.88	18.85	19.02		
3	16QAM	8	7	18.91	18.81	18.76		
3	16QAM	15	0	18.88	18.76	18.99		
3	64QAM	1	0	18.89	18.75	18.78	19.8	0
3	64QAM	1	8	18.96	18.87	18.91		
3	64QAM	1	14	18.89	18.88	18.81		
3	64QAM	8	0	18.94	18.82	18.97	19.8	0
3	64QAM	8	4	18.77	18.92	18.79		
3	64QAM	8	7	18.90	18.80	18.90		
3	64QAM	15	0	18.89	18.85	18.98		
3	256QAM	1	0	18.96	18.98	18.95	19.8	0
3	256QAM	1	8	18.91	18.95	18.92		
3	256QAM	1	14	18.97	18.96	18.88		
3	256QAM	8	0	18.96	18.91	18.96	19.8	0
3	256QAM	8	4	18.95	18.93	18.84		
3	256QAM	8	7	19.02	18.96	18.81		
3	256QAM	15	0	18.87	18.93	18.96		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.97	18.79	18.76	19.8	0
1.4	QPSK	1	3	18.84	18.87	18.88		
1.4	QPSK	1	5	18.84	18.84	18.78		
1.4	QPSK	3	0	19.10	18.84	18.85		
1.4	QPSK	3	1	19.08	18.88	19.04		
1.4	QPSK	3	3	19.09	18.90	18.88		
1.4	QPSK	6	0	18.86	18.94	18.95	19.8	0
1.4	16QAM	1	0	18.85	18.82	18.85	19.8	0
1.4	16QAM	1	3	18.76	18.85	18.92		
1.4	16QAM	1	5	18.92	18.94	18.80		
1.4	16QAM	3	0	19.05	18.87	18.87		
1.4	16QAM	3	1	18.74	18.79	18.88		
1.4	16QAM	3	3	18.87	18.87	18.88		
1.4	16QAM	6	0	18.85	18.76	18.86	19.8	0
1.4	64QAM	1	0	18.72	18.73	18.89	19.8	0
1.4	64QAM	1	3	18.94	18.85	18.91		
1.4	64QAM	1	5	18.85	18.78	18.85		
1.4	64QAM	3	0	18.94	18.87	18.86		
1.4	64QAM	3	1	18.88	18.79	18.86		
1.4	64QAM	3	3	18.75	18.92	18.99		
1.4	64QAM	6	0	18.84	18.84	19.01	19.8	0
1.4	256QAM	1	0	18.96	18.98	18.94	19.8	0
1.4	256QAM	1	3	18.96	19.00	18.91		
1.4	256QAM	1	5	19.01	18.95	18.92		
1.4	256QAM	3	0	18.95	18.90	18.92		
1.4	256QAM	3	1	19.02	18.96	18.84		
1.4	256QAM	3	3	19.05	18.95	18.82		
1.4	256QAM	6	0	18.89	18.89	18.96	19.8	0

Band 66_ANT 5(DSI10)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.05	15.10	15.05	15.8	0
20	QPSK	1	49	15.02	14.99	15.03		
20	QPSK	1	99	15.01	15.02	15.02		
20	QPSK	50	0	15.00	15.04	15.03	15.8	0
20	QPSK	50	24	14.97	15.03	15.02		
20	QPSK	50	50	14.97	15.01	14.98		
20	QPSK	100	0	14.96	15.00	14.98		
20	16QAM	1	0	15.01	15.00	14.97	15.8	0
20	16QAM	1	49	15.00	15.03	14.97		
20	16QAM	1	99	15.00	15.05	14.95		
20	16QAM	50	0	15.07	14.96	15.08	15.8	0
20	16QAM	50	24	15.06	15.00	15.01		
20	16QAM	50	50	14.96	15.00	15.02		
20	16QAM	100	0	15.07	14.97	15.00		
20	64QAM	1	0	15.06	14.95	15.06	15.8	0
20	64QAM	1	49	14.95	14.97	14.98		
20	64QAM	1	99	14.95	14.97	15.00		
20	64QAM	50	0	15.07	15.03	14.97	15.8	0
20	64QAM	50	24	15.03	14.96	15.00		
20	64QAM	50	50	15.00	15.05	15.08		
20	64QAM	100	0	15.06	15.00	15.02		
20	256QAM	1	0	15.01	15.06	14.98	15.8	0
20	256QAM	1	49	15.05	15.06	14.95		
20	256QAM	1	99	15.08	14.98	14.97		
20	256QAM	50	0	15.08	15.04	14.97	15.8	0
20	256QAM	50	24	15.00	15.01	15.00		
20	256QAM	50	50	15.08	15.05	14.98		
20	256QAM	100	0	15.04	15.04	15.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.01	15.07	14.96	15.8	0
15	QPSK	1	37	14.95	14.88	14.92		
15	QPSK	1	74	14.90	14.89	14.89		
15	QPSK	36	0	14.95	14.91	14.90	15.8	0
15	QPSK	36	20	14.87	14.92	14.90		
15	QPSK	36	39	14.86	14.96	14.89		
15	QPSK	75	0	14.81	14.91	14.82		
15	16QAM	1	0	14.92	14.97	14.90	15.8	0
15	16QAM	1	37	14.93	14.92	14.86		
15	16QAM	1	74	14.89	14.93	14.90		
15	16QAM	36	0	14.95	14.90	14.97	15.8	0
15	16QAM	36	20	14.99	14.94	14.89		
15	16QAM	36	39	14.87	14.97	14.93		
15	16QAM	75	0	15.01	14.90	14.87		
15	64QAM	1	0	14.98	14.90	15.00	15.8	0
15	64QAM	1	37	14.84	14.84	14.91		
15	64QAM	1	74	14.84	14.91	14.87		
15	64QAM	36	0	15.04	14.93	14.85	15.8	0
15	64QAM	36	20	14.98	14.86	14.95		
15	64QAM	36	39	14.92	14.93	15.03		
15	64QAM	75	0	15.00	14.88	14.90		
15	256QAM	1	0	14.98	14.95	14.93	15.8	0
15	256QAM	1	37	14.99	15.01	14.90		
15	256QAM	1	74	15.04	14.89	14.88		
15	256QAM	36	0	14.97	14.97	14.90	15.8	0
15	256QAM	36	20	14.95	14.92	14.96		
15	256QAM	36	39	15.00	14.95	14.95		
15	256QAM	75	0	14.98	14.97	14.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.00	15.03	14.96	15.8	0
10	QPSK	1	25	14.90	14.96	14.96		
10	QPSK	1	49	14.95	14.93	14.90		
10	QPSK	25	0	14.88	14.94	14.97	15.8	0
10	QPSK	25	12	14.89	14.92	14.96		
10	QPSK	25	25	14.86	14.90	14.94		
10	QPSK	50	0	14.85	14.85	14.80		
10	16QAM	1	0	14.94	14.96	14.91	15.8	0
10	16QAM	1	25	14.87	14.92	14.84		
10	16QAM	1	49	14.87	14.93	14.90		
10	16QAM	25	0	15.00	14.88	14.96	15.8	0
10	16QAM	25	12	15.01	14.94	14.91		
10	16QAM	25	25	14.88	14.88	14.90		
10	16QAM	50	0	14.97	14.91	14.94		
10	64QAM	1	0	14.99	14.92	14.99	15.8	0
10	64QAM	1	25	14.83	14.88	14.95		
10	64QAM	1	49	14.91	14.87	14.94		
10	64QAM	25	0	14.94	14.90	14.84	15.8	0
10	64QAM	25	12	14.98	14.93	14.95		
10	64QAM	25	25	14.91	15.02	15.01		
10	64QAM	50	0	15.02	14.95	14.93		
10	256QAM	1	0	14.88	14.97	14.94	15.8	0
10	256QAM	1	25	14.99	15.00	14.87		
10	256QAM	1	49	15.00	14.90	14.94		
10	256QAM	25	0	15.04	14.94	14.91	15.8	0
10	256QAM	25	12	14.94	14.91	14.88		
10	256QAM	25	25	15.03	14.95	14.92		
10	256QAM	50	0	14.94	14.94	15.01		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.00	15.03	14.95	15.8	0
5	QPSK	1	12	14.98	14.89	14.92		
5	QPSK	1	24	14.96	14.99	14.98		
5	QPSK	12	0	14.93	14.94	14.93	15.8	0
5	QPSK	12	7	14.90	14.90	14.92		
5	QPSK	12	13	14.86	14.88	14.91		
5	QPSK	25	0	14.86	14.87	14.79		
5	16QAM	1	0	14.88	14.92	14.91	15.8	0
5	16QAM	1	12	14.97	14.91	14.88		
5	16QAM	1	24	14.87	15.00	14.86		
5	16QAM	12	0	14.94	14.90	14.97	15.8	0
5	16QAM	12	7	14.97	14.92	14.92		
5	16QAM	12	13	14.83	14.94	14.90		
5	16QAM	25	0	15.02	14.91	14.88		
5	64QAM	1	0	14.93	14.88	15.02	15.8	0
5	64QAM	1	12	14.89	14.87	14.92		
5	64QAM	1	24	14.91	14.90	14.95		
5	64QAM	12	0	15.02	14.98	14.89	15.8	0
5	64QAM	12	7	14.94	14.90	14.89		
5	64QAM	12	13	14.91	14.93	15.03		
5	64QAM	25	0	14.97	14.96	14.96		
5	256QAM	1	0	14.92	15.02	14.88	15.8	0
5	256QAM	1	12	15.01	15.01	14.91		
5	256QAM	1	24	14.97	14.90	14.87		
5	256QAM	12	0	14.98	14.91	14.85	15.8	0
5	256QAM	12	7	14.97	14.97	14.88		
5	256QAM	12	13	15.02	14.95	14.88		
5	256QAM	25	0	14.96	14.98	15.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.02	15.04	14.96	15.8	0
3	QPSK	1	8	14.90	14.86	14.98		
3	QPSK	1	14	14.88	14.93	14.93		
3	QPSK	8	0	14.88	15.00	14.96	15.8	0
3	QPSK	8	4	14.90	14.97	14.92		
3	QPSK	8	7	14.90	14.96	14.86		
3	QPSK	15	0	14.87	14.93	14.79		
3	16QAM	1	0	14.89	14.87	14.91	15.8	0
3	16QAM	1	8	14.89	14.97	14.90		
3	16QAM	1	14	14.87	14.92	14.91		
3	16QAM	8	0	15.02	14.88	14.97	15.8	0
3	16QAM	8	4	14.97	14.94	14.93		
3	16QAM	8	7	14.83	14.92	14.90		
3	16QAM	15	0	14.95	14.89	14.93		
3	64QAM	1	0	14.98	14.90	14.94	15.8	0
3	64QAM	1	8	14.90	14.94	14.85		
3	64QAM	1	14	14.82	14.89	14.94		
3	64QAM	8	0	15.00	14.93	14.86	15.8	0
3	64QAM	8	4	14.92	14.93	14.90		
3	64QAM	8	7	14.95	15.00	15.02		
3	64QAM	15	0	14.98	14.87	14.90		
3	256QAM	1	0	14.89	15.02	14.90	15.8	0
3	256QAM	1	8	14.98	15.00	14.87		
3	256QAM	1	14	15.02	14.94	14.88		
3	256QAM	8	0	14.99	15.01	14.90	15.8	0
3	256QAM	8	4	14.90	14.92	14.89		
3	256QAM	8	7	14.95	15.02	14.86		
3	256QAM	15	0	14.94	15.01	14.98		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.99	15.07	15.00	15.8	0
1.4	QPSK	1	3	14.89	14.86	14.98		
1.4	QPSK	1	5	14.95	14.97	14.90		
1.4	QPSK	3	0	14.94	14.93	14.92		
1.4	QPSK	3	1	14.84	14.98	14.91		
1.4	QPSK	3	3	14.87	14.90	14.95		
1.4	QPSK	6	0	14.86	14.85	14.79	15.8	0
1.4	16QAM	1	0	14.93	14.94	14.85	15.8	0
1.4	16QAM	1	3	14.92	14.95	14.91		
1.4	16QAM	1	5	14.96	14.98	14.87		
1.4	16QAM	3	0	15.02	14.92	15.05		
1.4	16QAM	3	1	14.98	14.91	14.97		
1.4	16QAM	3	3	14.87	14.87	14.89		
1.4	16QAM	6	0	15.03	14.92	14.94	15.8	0
1.4	64QAM	1	0	14.99	14.84	14.96	15.8	0
1.4	64QAM	1	3	14.84	14.86	14.85		
1.4	64QAM	1	5	14.89	14.86	14.95		
1.4	64QAM	3	0	14.94	14.90	14.92		
1.4	64QAM	3	1	14.95	14.84	14.97		
1.4	64QAM	3	3	14.90	14.99	14.99		
1.4	64QAM	6	0	14.93	14.97	14.91	15.8	0
1.4	256QAM	1	0	14.88	14.97	14.87	15.8	0
1.4	256QAM	1	3	14.92	14.96	14.84		
1.4	256QAM	1	5	15.02	14.90	14.87		
1.4	256QAM	3	0	14.99	15.01	14.86		
1.4	256QAM	3	1	14.89	14.89	14.93		
1.4	256QAM	3	3	14.95	14.98	14.91		
1.4	256QAM	6	0	15.00	14.92	14.91	15.8	0

Band 71_ANT 0(DSI10)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	18.87	18.94	18.91	20	0
20	QPSK	1	49	18.82	18.89	18.87		
20	QPSK	1	99	18.79	18.85	18.80		
20	QPSK	50	0	18.90	18.92	18.90	20	0
20	QPSK	50	24	18.85	18.85	18.86		
20	QPSK	50	50	18.80	18.83	18.82		
20	QPSK	100	0	18.79	18.90	18.81		
20	16QAM	1	0	18.85	18.83	18.85	20	0
20	16QAM	1	49	18.81	18.88	18.81		
20	16QAM	1	99	18.83	18.86	18.88		
20	16QAM	50	0	18.91	18.83	18.79	20	0
20	16QAM	50	24	18.80	18.88	18.82		
20	16QAM	50	50	18.88	18.87	18.82		
20	16QAM	100	0	18.85	18.84	18.79		
20	64QAM	1	0	18.83	18.89	18.85	20	0
20	64QAM	1	49	18.84	18.80	18.79		
20	64QAM	1	99	18.81	18.84	18.82		
20	64QAM	50	0	18.86	18.92	18.88	20	0
20	64QAM	50	24	18.87	18.84	18.87		
20	64QAM	50	50	18.89	18.83	18.84		
20	64QAM	100	0	18.82	18.86	18.90		
20	256QAM	1	0	18.06	18.10	18.04	19	1
20	256QAM	1	49	18.08	18.03	18.08		
20	256QAM	1	99	18.10	18.09	18.03		
20	256QAM	50	0	17.85	17.94	17.87	19	1
20	256QAM	50	24	17.94	17.91	17.97		
20	256QAM	50	50	17.91	17.86	17.96		
20	256QAM	100	0	17.98	17.87	17.93		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	18.76	18.87	18.83	20	0
15	QPSK	1	37	18.83	18.70	18.82		
15	QPSK	1	74	18.75	18.81	18.77		
15	QPSK	36	0	18.71	18.83	18.74	20	0
15	QPSK	36	20	18.84	18.82	18.87		
15	QPSK	36	39	18.70	18.76	18.76		
15	QPSK	75	0	18.73	18.78	18.79		
15	16QAM	1	0	18.79	18.74	18.72	20	0
15	16QAM	1	37	18.69	18.78	18.78		
15	16QAM	1	74	18.73	18.77	18.83		
15	16QAM	36	0	18.82	18.75	18.75	20	0
15	16QAM	36	20	18.71	18.79	18.73		
15	16QAM	36	39	18.77	18.75	18.69		
15	16QAM	75	0	18.76	18.71	18.66		
15	64QAM	1	0	18.75	18.84	18.73	20	0
15	64QAM	1	37	18.73	18.71	18.66		
15	64QAM	1	74	18.74	18.77	18.77		
15	64QAM	36	0	18.78	18.83	18.77	20	0
15	64QAM	36	20	18.81	18.78	18.76		
15	64QAM	36	39	18.81	18.79	18.77		
15	64QAM	75	0	18.74	18.81	18.83		
15	256QAM	1	0	17.98	18.06	17.97	19	1
15	256QAM	1	37	18.02	17.96	18.05		
15	256QAM	1	74	18.06	17.98	17.98		
15	256QAM	36	0	17.73	17.88	17.79	19	1
15	256QAM	36	20	17.81	17.79	17.94		
15	256QAM	36	39	17.85	17.81	17.92		
15	256QAM	75	0	17.94	17.79	17.80		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	18.71	18.86	18.84	20	0
10	QPSK	1	25	18.82	18.75	18.75		
10	QPSK	1	49	18.75	18.77	18.71		
10	QPSK	25	0	18.73	18.82	18.83	20	0
10	QPSK	25	12	18.79	18.81	18.86		
10	QPSK	25	25	18.72	18.80	18.73		
10	QPSK	50	0	18.75	18.80	18.82		
10	16QAM	1	0	18.73	18.77	18.82	20	0
10	16QAM	1	25	18.77	18.75	18.73		
10	16QAM	1	49	18.75	18.81	18.81		
10	16QAM	25	0	18.88	18.77	18.76	20	0
10	16QAM	25	12	18.70	18.77	18.71		
10	16QAM	25	25	18.84	18.82	18.70		
10	16QAM	50	0	18.82	18.73	18.67		
10	64QAM	1	0	18.79	18.85	18.74	20	0
10	64QAM	1	25	18.73	18.68	18.67		
10	64QAM	1	49	18.76	18.75	18.76		
10	64QAM	25	0	18.77	18.81	18.75	20	0
10	64QAM	25	12	18.75	18.78	18.76		
10	64QAM	25	25	18.77	18.70	18.81		
10	64QAM	50	0	18.74	18.80	18.77		
10	256QAM	1	0	18.02	17.97	17.99	19	1
10	256QAM	1	25	17.99	17.97	18.04		
10	256QAM	1	49	17.97	17.99	17.96		
10	256QAM	25	0	17.75	17.83	17.74	19	1
10	256QAM	25	12	17.84	17.78	17.93		
10	256QAM	25	25	17.87	17.77	17.89		
10	256QAM	50	0	17.92	17.80	17.85		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	18.68	18.87	18.86	20	0
5	QPSK	1	12	18.82	18.76	18.82		
5	QPSK	1	24	18.66	18.76	18.70		
5	QPSK	12	0	18.75	18.87	18.75	20	0
5	QPSK	12	7	18.77	18.78	18.83		
5	QPSK	12	13	18.73	18.70	18.69		
5	QPSK	25	0	18.73	18.85	18.77		
5	16QAM	1	0	18.81	18.73	18.82	20	0
5	16QAM	1	12	18.74	18.77	18.74		
5	16QAM	1	24	18.79	18.77	18.83		
5	16QAM	12	0	18.83	18.72	18.73	20	0
5	16QAM	12	7	18.72	18.81	18.69		
5	16QAM	12	13	18.77	18.77	18.69		
5	16QAM	25	0	18.77	18.73	18.67		
5	64QAM	1	0	18.80	18.77	18.76	20	0
5	64QAM	1	12	18.72	18.71	18.70		
5	64QAM	1	24	18.69	18.76	18.75		
5	64QAM	12	0	18.78	18.82	18.79	20	0
5	64QAM	12	7	18.81	18.74	18.80		
5	64QAM	12	13	18.85	18.70	18.76		
5	64QAM	25	0	18.79	18.78	18.87		
5	256QAM	1	0	17.98	17.98	17.96	19	1
5	256QAM	1	12	17.95	17.90	18.04		
5	256QAM	1	24	18.02	17.98	17.94		
5	256QAM	12	0	17.79	17.90	17.78	19	1
5	256QAM	12	7	17.81	17.79	17.86		
5	256QAM	12	13	17.78	17.74	17.92		
5	256QAM	25	0	17.89	17.80	17.88		

Band 2_ANT 2(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.93	17.95	17.92	18.8	0
20	QPSK	1	49	17.54	17.83	17.78		
20	QPSK	1	99	17.71	17.78	17.80		
20	QPSK	50	0	17.90	17.93	17.91	18.8	0
20	QPSK	50	24	17.85	17.87	17.84		
20	QPSK	50	50	17.77	17.76	17.83		
20	QPSK	100	0	17.74	17.80	17.72		
20	16QAM	1	0	17.60	17.80	17.61	18.8	0
20	16QAM	1	49	17.78	17.75	17.76		
20	16QAM	1	99	17.58	17.68	17.65		
20	16QAM	50	0	17.67	17.67	17.76	18.8	0
20	16QAM	50	24	17.80	17.70	17.64		
20	16QAM	50	50	17.82	17.68	17.79		
20	16QAM	100	0	17.71	17.74	17.67		
20	64QAM	1	0	17.52	17.54	17.74	18.8	0
20	64QAM	1	49	17.70	17.69	17.69		
20	64QAM	1	99	17.47	17.82	17.57		
20	64QAM	50	0	17.73	17.57	17.72	18.8	0
20	64QAM	50	24	17.78	17.65	17.71		
20	64QAM	50	50	17.81	17.75	17.61		
20	64QAM	100	0	17.76	17.81	17.61		
20	256QAM	1	0	17.29	17.50	17.53	18.8	0
20	256QAM	1	49	17.32	17.52	17.54		
20	256QAM	1	99	17.46	17.36	17.28		
20	256QAM	50	0	17.43	17.20	17.35	18.8	0
20	256QAM	50	24	17.53	17.37	17.61		
20	256QAM	50	50	17.48	17.31	17.55		
20	256QAM	100	0	17.21	17.29	17.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.53	17.64	17.63	18.8	0
15	QPSK	1	37	17.71	17.59	17.59		
15	QPSK	1	74	17.45	17.86	17.48		
15	QPSK	36	0	17.74	17.70	17.55	18.8	0
15	QPSK	36	20	17.85	17.72	17.77		
15	QPSK	36	39	17.82	17.78	17.87		
15	QPSK	75	0	17.72	17.68	17.63		
15	16QAM	1	0	17.67	17.61	17.54	18.8	0
15	16QAM	1	37	17.69	17.61	17.66		
15	16QAM	1	74	17.66	17.71	17.66		
15	16QAM	36	0	17.64	17.79	17.73	18.8	0
15	16QAM	36	20	17.63	17.75	17.82		
15	16QAM	36	39	17.79	17.72	17.52		
15	16QAM	75	0	17.67	17.67	17.86		
15	64QAM	1	0	17.78	17.63	17.79	18.8	0
15	64QAM	1	37	17.74	17.58	17.85		
15	64QAM	1	74	17.69	17.59	17.53		
15	64QAM	36	0	17.66	17.75	17.81	18.8	0
15	64QAM	36	20	17.73	17.71	17.67		
15	64QAM	36	39	17.58	17.60	17.75		
15	64QAM	75	0	17.83	17.72	17.65		
15	256QAM	1	0	17.48	17.40	17.57	18.8	0
15	256QAM	1	37	17.65	17.54	17.70		
15	256QAM	1	74	17.44	17.65	17.60		
15	256QAM	36	0	17.44	17.38	17.41	18.8	0
15	256QAM	36	20	17.32	17.32	17.42		
15	256QAM	36	39	17.33	17.36	17.36		
15	256QAM	75	0	17.48	17.45	17.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.80	17.80	17.61	18.8	0
10	QPSK	1	25	17.72	17.65	17.66		
10	QPSK	1	49	17.77	17.63	17.73		
10	QPSK	25	0	17.72	17.60	17.73	18.8	0
10	QPSK	25	12	17.57	17.60	17.76		
10	QPSK	25	25	17.86	17.54	17.79		
10	QPSK	50	0	17.69	17.63	17.66		
10	16QAM	1	0	17.60	17.81	17.69	18.8	0
10	16QAM	1	25	17.72	17.65	17.64		
10	16QAM	1	49	17.59	17.66	17.71		
10	16QAM	25	0	17.60	17.57	17.81	18.8	0
10	16QAM	25	12	17.68	17.59	17.69		
10	16QAM	25	25	17.57	17.58	17.66		
10	16QAM	50	0	17.79	17.55	17.67		
10	64QAM	1	0	17.69	17.70	17.57	18.8	0
10	64QAM	1	25	17.59	17.54	17.85		
10	64QAM	1	49	17.51	17.60	17.64		
10	64QAM	25	0	17.61	17.59	17.82	18.8	0
10	64QAM	25	12	17.74	17.56	17.76		
10	64QAM	25	25	17.73	17.59	17.83		
10	64QAM	50	0	17.69	17.62	17.57		
10	256QAM	1	0	17.44	17.50	17.68	18.8	0
10	256QAM	1	25	17.39	17.44	17.40		
10	256QAM	1	49	17.43	17.59	17.49		
10	256QAM	25	0	17.48	17.56	17.46	18.8	0
10	256QAM	25	12	17.43	17.45	17.54		
10	256QAM	25	25	17.41	17.47	17.44		
10	256QAM	50	0	17.29	17.47	17.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.75	17.59	17.61	18.8	0
5	QPSK	1	12	17.81	17.65	17.81		
5	QPSK	1	24	17.83	17.64	17.70		
5	QPSK	12	0	17.62	17.69	17.83	18.8	0
5	QPSK	12	7	17.81	17.60	17.52		
5	QPSK	12	13	17.86	17.54	17.94		
5	QPSK	25	0	17.92	17.80	17.83		
5	16QAM	1	0	17.75	17.74	17.59	18.8	0
5	16QAM	1	12	17.68	17.64	17.71		
5	16QAM	1	24	17.58	17.79	17.67		
5	16QAM	12	0	17.60	17.57	17.67	18.8	0
5	16QAM	12	7	17.68	17.65	17.80		
5	16QAM	12	13	17.57	17.68	17.71		
5	16QAM	25	0	17.76	17.55	17.71		
5	64QAM	1	0	17.59	17.69	17.65	18.8	0
5	64QAM	1	12	17.58	17.70	17.69		
5	64QAM	1	24	17.55	17.67	17.52		
5	64QAM	12	0	17.71	17.59	17.74	18.8	0
5	64QAM	12	7	17.64	17.66	17.65		
5	64QAM	12	13	17.73	17.59	17.69		
5	64QAM	25	0	17.54	17.62	17.71		
5	256QAM	1	0	17.32	17.43	17.51	18.8	0
5	256QAM	1	12	17.56	17.53	17.44		
5	256QAM	1	24	17.44	17.54	17.48		
5	256QAM	12	0	17.61	17.66	17.45	18.8	0
5	256QAM	12	7	17.36	17.35	17.45		
5	256QAM	12	13	17.28	17.42	17.52		
5	256QAM	25	0	17.34	17.59	17.44		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.65	17.60	17.79	18.8	0
3	QPSK	1	8	17.62	17.87	17.87		
3	QPSK	1	14	17.82	17.83	17.57		
3	QPSK	8	0	17.85	17.60	17.63	18.8	0
3	QPSK	8	4	17.57	17.60	17.62		
3	QPSK	8	7	17.71	17.54	17.92		
3	QPSK	15	0	17.89	17.55	17.84		
3	16QAM	1	0	17.69	17.79	17.64	18.8	0
3	16QAM	1	8	17.63	17.64	17.75		
3	16QAM	1	14	17.59	17.68	17.60		
3	16QAM	8	0	17.60	17.59	17.67	18.8	0
3	16QAM	8	4	17.68	17.60	17.73		
3	16QAM	8	7	17.57	17.58	17.61		
3	16QAM	15	0	17.64	17.55	17.62		
3	64QAM	1	0	17.62	17.66	17.69	18.8	0
3	64QAM	1	8	17.59	17.52	17.68		
3	64QAM	1	14	17.66	17.65	17.52		
3	64QAM	8	0	17.61	17.64	17.66	18.8	0
3	64QAM	8	4	17.64	17.63	17.75		
3	64QAM	8	7	17.63	17.59	17.80		
3	64QAM	15	0	17.54	17.72	17.57		
3	256QAM	1	0	17.37	17.42	17.66	18.8	0
3	256QAM	1	8	17.46	17.58	17.38		
3	256QAM	1	14	17.52	17.58	17.49		
3	256QAM	8	0	17.55	17.56	17.42	18.8	0
3	256QAM	8	4	17.49	17.39	17.43		
3	256QAM	8	7	17.38	17.57	17.57		
3	256QAM	15	0	17.41	17.59	17.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.65	17.59	17.77	18.8	0
1.4	QPSK	1	3	17.62	17.68	17.66		
1.4	QPSK	1	5	17.89	17.63	17.59		
1.4	QPSK	3	0	17.62	17.60	17.87		
1.4	QPSK	3	1	17.57	17.70	17.72		
1.4	QPSK	3	3	17.80	17.56	17.83		
1.4	QPSK	6	0	17.93	17.80	17.86	18.8	0
1.4	16QAM	1	0	17.78	17.69	17.71	18.8	0
1.4	16QAM	1	3	17.65	17.78	17.63		
1.4	16QAM	1	5	17.59	17.72	17.57		
1.4	16QAM	3	0	17.68	17.61	17.73		
1.4	16QAM	3	1	17.70	17.66	17.69		
1.4	16QAM	3	3	17.57	17.70	17.69		
1.4	16QAM	6	0	17.77	17.55	17.52	18.8	0
1.4	64QAM	1	0	17.54	17.63	17.72	18.8	0
1.4	64QAM	1	3	17.53	17.63	17.70		
1.4	64QAM	1	5	17.65	17.72	17.52		
1.4	64QAM	3	0	17.63	17.67	17.72		
1.4	64QAM	3	1	17.64	17.56	17.67		
1.4	64QAM	3	3	17.76	17.59	17.68		
1.4	64QAM	6	0	17.64	17.63	17.67	18.8	0
1.4	256QAM	1	0	17.39	17.37	17.53	18.8	0
1.4	256QAM	1	3	17.57	17.53	17.45		
1.4	256QAM	1	5	17.48	17.49	17.58		
1.4	256QAM	3	0	17.64	17.52	17.39		
1.4	256QAM	3	1	17.55	17.45	17.46		
1.4	256QAM	3	3	17.41	17.60	17.46		
1.4	256QAM	6	0	17.47	17.54	17.43	18.8	0

Band 4_ANT 2(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.97	19.23	19.06	19.8	0
20	QPSK	1	49	18.85	19.08	19.05		
20	QPSK	1	99	18.83	19.05	18.91		
20	QPSK	50	0	19.15	19.16	19.13	19.8	0
20	QPSK	50	24	19.11	18.82	18.83		
20	QPSK	50	50	19.03	19.12	19.10		
20	QPSK	100	0	19.02	19.16	19.10		
20	16QAM	1	0	19.18	18.83	18.82	19.8	0
20	16QAM	1	49	18.86	18.87	18.81		
20	16QAM	1	99	18.80	18.88	18.86		
20	16QAM	50	0	19.03	19.07	19.13	19.8	0
20	16QAM	50	24	19.07	19.13	19.11		
20	16QAM	50	50	19.06	19.12	18.86		
20	16QAM	100	0	19.04	18.85	19.19		
20	64QAM	1	0	19.00	19.18	18.82	19.8	0
20	64QAM	1	49	18.87	18.82	18.86		
20	64QAM	1	99	19.08	18.84	18.85		
20	64QAM	50	0	19.03	19.11	19.11	19.8	0
20	64QAM	50	24	19.09	18.83	19.11		
20	64QAM	50	50	19.03	19.19	18.89		
20	64QAM	100	0	19.10	19.15	19.19		
20	256QAM	1	0	18.87	18.89	19.03	19.8	0
20	256QAM	1	49	18.90	18.84	19.03		
20	256QAM	1	99	19.01	18.84	19.03		
20	256QAM	50	0	18.87	18.60	18.97	19.8	0
20	256QAM	50	24	18.93	18.73	18.88		
20	256QAM	50	50	18.91	18.73	18.98		
20	256QAM	100	0	18.99	18.74	18.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.01	18.92	18.93	19.8	0
15	QPSK	1	37	18.83	18.65	18.83		
15	QPSK	1	74	18.86	18.85	18.99		
15	QPSK	36	0	18.82	18.92	18.70	19.8	0
15	QPSK	36	20	18.75	18.80	18.65		
15	QPSK	36	39	18.90	18.66	18.84		
15	QPSK	75	0	18.92	18.75	18.70		
15	16QAM	1	0	18.76	18.99	18.75	19.8	0
15	16QAM	1	37	18.78	18.81	18.80		
15	16QAM	1	74	18.71	18.77	18.83		
15	16QAM	36	0	19.03	18.92	18.80	19.8	0
15	16QAM	36	20	18.71	18.66	18.76		
15	16QAM	36	39	18.88	18.77	18.67		
15	16QAM	75	0	18.90	18.69	18.86		
15	64QAM	1	0	18.82	18.66	18.71	19.8	0
15	64QAM	1	37	18.74	18.79	18.71		
15	64QAM	1	74	18.75	18.81	18.73		
15	64QAM	36	0	18.66	18.79	18.67	19.8	0
15	64QAM	36	20	18.76	18.70	18.75		
15	64QAM	36	39	18.88	18.70	18.76		
15	64QAM	75	0	18.98	18.83	18.80		
15	256QAM	1	0	19.06	18.96	19.07	19.8	0
15	256QAM	1	37	18.98	19.02	19.02		
15	256QAM	1	74	18.91	19.00	18.96		
15	256QAM	36	0	19.04	19.02	18.96	19.8	0
15	256QAM	36	20	18.96	19.05	19.04		
15	256QAM	36	39	19.02	18.98	19.12		
15	256QAM	75	0	19.02	19.03	19.00		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.90	18.93	18.95	19.8	0
10	QPSK	1	25	18.81	18.78	18.79		
10	QPSK	1	49	18.81	18.82	18.91		
10	QPSK	25	0	18.69	18.95	18.66	19.8	0
10	QPSK	25	12	18.74	18.80	18.69		
10	QPSK	25	25	18.84	18.66	18.69		
10	QPSK	50	0	18.94	18.72	18.64		
10	16QAM	1	0	18.65	18.97	18.67	19.8	0
10	16QAM	1	25	18.81	18.78	18.84		
10	16QAM	1	49	18.76	18.74	18.77		
10	16QAM	25	0	18.92	18.98	18.70	19.8	0
10	16QAM	25	12	18.67	18.72	18.71		
10	16QAM	25	25	18.87	18.69	18.72		
10	16QAM	50	0	19.07	18.77	19.04		
10	64QAM	1	0	18.67	18.69	18.86	19.8	0
10	64QAM	1	25	18.71	18.78	18.75		
10	64QAM	1	49	18.73	18.96	18.62		
10	64QAM	25	0	18.75	18.73	18.83	19.8	0
10	64QAM	25	12	18.65	18.64	18.83		
10	64QAM	25	25	18.98	18.82	18.80		
10	64QAM	50	0	18.97	18.76	18.71		
10	256QAM	1	0	19.07	18.97	19.00	19.8	0
10	256QAM	1	25	19.00	18.98	19.05		
10	256QAM	1	49	18.93	18.98	18.90		
10	256QAM	25	0	19.00	19.00	18.96	19.8	0
10	256QAM	25	12	18.97	19.00	19.06		
10	256QAM	25	25	19.04	18.94	19.12		
10	256QAM	50	0	19.05	19.07	18.99		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.97	18.87	18.97	19.8	0
5	QPSK	1	12	18.82	18.73	18.71		
5	QPSK	1	24	18.74	18.71	18.92		
5	QPSK	12	0	18.69	18.97	18.77	19.8	0
5	QPSK	12	7	18.73	18.85	18.69		
5	QPSK	12	13	18.88	18.67	18.68		
5	QPSK	25	0	18.99	18.67	18.67		
5	16QAM	1	0	18.72	19.01	18.81	19.8	0
5	16QAM	1	12	18.80	18.71	18.78		
5	16QAM	1	24	18.76	18.74	18.78		
5	16QAM	12	0	18.95	18.93	18.68	19.8	0
5	16QAM	12	7	18.74	18.67	18.78		
5	16QAM	12	13	18.94	18.71	18.68		
5	16QAM	25	0	19.07	18.74	18.93		
5	64QAM	1	0	18.79	18.75	18.82	19.8	0
5	64QAM	1	12	18.75	18.77	18.84		
5	64QAM	1	24	18.71	18.96	18.76		
5	64QAM	12	0	18.70	18.74	18.83	19.8	0
5	64QAM	12	7	18.73	18.72	18.79		
5	64QAM	12	13	18.92	18.66	18.66		
5	64QAM	25	0	18.90	18.76	18.68		
5	256QAM	1	0	19.06	18.90	18.96	19.8	0
5	256QAM	1	12	19.00	19.01	18.95		
5	256QAM	1	24	18.95	19.02	18.91		
5	256QAM	12	0	19.05	19.02	18.94	19.8	0
5	256QAM	12	7	19.02	18.97	19.06		
5	256QAM	12	13	19.10	18.89	19.04		
5	256QAM	25	0	19.09	19.07	18.98		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.03	19.03	19.01	19.8	0
3	QPSK	1	8	18.83	18.68	18.67		
3	QPSK	1	14	18.82	18.82	19.01		
3	QPSK	8	0	18.70	18.93	18.71	19.8	0
3	QPSK	8	4	18.71	18.75	18.75		
3	QPSK	8	7	18.81	18.82	18.73		
3	QPSK	15	0	18.94	18.69	18.68		
3	16QAM	1	0	18.78	18.97	18.79	19.8	0
3	16QAM	1	8	18.80	18.66	18.78		
3	16QAM	1	14	18.76	18.77	18.78		
3	16QAM	8	0	19.03	19.06	18.81	19.8	0
3	16QAM	8	4	18.63	18.78	18.82		
3	16QAM	8	7	18.93	18.79	18.73		
3	16QAM	15	0	18.92	18.78	18.94		
3	64QAM	1	0	18.79	18.75	18.85	19.8	0
3	64QAM	1	8	18.65	18.78	18.72		
3	64QAM	1	14	18.65	18.99	18.70		
3	64QAM	8	0	18.74	18.67	18.70	19.8	0
3	64QAM	8	4	18.64	18.78	18.84		
3	64QAM	8	7	19.01	18.77	18.74		
3	64QAM	15	0	19.03	18.68	18.73		
3	256QAM	1	0	19.03	19.00	19.02	19.8	0
3	256QAM	1	8	19.04	19.01	19.02		
3	256QAM	1	14	18.99	18.97	18.91		
3	256QAM	8	0	19.02	18.92	19.05	19.8	0
3	256QAM	8	4	18.95	19.04	19.03		
3	256QAM	8	7	19.10	18.89	19.02		
3	256QAM	15	0	19.00	19.07	19.03		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.94	19.02	19.02	19.8	0
1.4	QPSK	1	3	18.94	18.79	18.70		
1.4	QPSK	1	5	18.79	18.70	18.98		
1.4	QPSK	3	0	18.75	18.92	18.64		
1.4	QPSK	3	1	18.78	18.73	18.62		
1.4	QPSK	3	3	18.95	18.67	18.79		
1.4	QPSK	6	0	19.00	18.77	18.74	19.8	0
1.4	16QAM	1	0	18.73	18.98	18.71	19.8	0
1.4	16QAM	1	3	18.91	18.67	18.79		
1.4	16QAM	1	5	18.78	18.65	18.80		
1.4	16QAM	3	0	18.97	19.07	18.69		
1.4	16QAM	3	1	18.68	18.65	18.77		
1.4	16QAM	3	3	18.95	18.70	18.71		
1.4	16QAM	6	0	18.99	18.72	18.98	19.8	0
1.4	64QAM	1	0	18.78	18.68	18.81	19.8	0
1.4	64QAM	1	3	18.65	18.67	18.83		
1.4	64QAM	1	5	18.64	18.90	18.77		
1.4	64QAM	3	0	18.81	18.70	18.77		
1.4	64QAM	3	1	18.63	18.61	18.82		
1.4	64QAM	3	3	18.92	18.71	18.70		
1.4	64QAM	6	0	18.88	18.71	18.73	19.8	0
1.4	256QAM	1	0	18.80	18.66	18.78	19.8	0
1.4	256QAM	1	3	18.81	18.85	18.72		
1.4	256QAM	1	5	18.68	18.74	18.63		
1.4	256QAM	3	0	18.77	18.72	18.79		
1.4	256QAM	3	1	18.76	18.77	18.76		
1.4	256QAM	3	3	18.87	18.73	18.81		
1.4	256QAM	6	0	18.85	18.83	18.85	19.8	0

Band 4_ANT 5(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.90	14.91	14.85	15.8	0
20	QPSK	1	49	14.85	14.83	14.81		
20	QPSK	1	99	14.80	14.88	14.83		
20	QPSK	50	0	14.82	14.90	14.86	15.8	0
20	QPSK	50	24	14.78	14.79	14.83		
20	QPSK	50	50	14.81	14.84	14.82		
20	QPSK	100	0	14.78	14.85	14.80		
20	16QAM	1	0	14.84	14.76	14.84	15.8	0
20	16QAM	1	49	14.76	14.80	14.82		
20	16QAM	1	99	14.79	14.77	14.82		
20	16QAM	50	0	14.89	14.83	14.80	15.8	0
20	16QAM	50	24	14.76	14.78	14.78		
20	16QAM	50	50	14.87	14.87	14.87		
20	16QAM	100	0	14.88	14.89	14.84		
20	64QAM	1	0	14.76	14.85	14.80	15.8	0
20	64QAM	1	49	14.82	14.86	14.77		
20	64QAM	1	99	14.76	14.79	14.85		
20	64QAM	50	0	14.88	14.83	14.77	15.8	0
20	64QAM	50	24	14.89	14.83	14.87		
20	64QAM	50	50	14.84	14.89	14.80		
20	64QAM	100	0	14.83	14.80	14.88		
20	256QAM	1	0	14.81	14.82	14.87	15.8	0
20	256QAM	1	49	14.86	14.86	14.76		
20	256QAM	1	99	14.81	14.87	14.82		
20	256QAM	50	0	14.85	14.85	14.78	15.8	0
20	256QAM	50	24	14.86	14.89	14.86		
20	256QAM	50	50	14.81	14.86	14.85		
20	256QAM	100	0	14.76	14.82	14.76		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.86	14.90	14.79	15.8	0
15	QPSK	1	37	14.74	14.77	14.70		
15	QPSK	1	74	14.76	14.82	14.80		
15	QPSK	36	0	14.70	14.79	14.79	15.8	0
15	QPSK	36	20	14.73	14.71	14.81		
15	QPSK	36	39	14.76	14.81	14.83		
15	QPSK	75	0	14.66	14.82	14.77		
15	16QAM	1	0	14.81	14.68	14.77	15.8	0
15	16QAM	1	37	14.68	14.71	14.69		
15	16QAM	1	74	14.76	14.66	14.73		
15	16QAM	36	0	14.76	14.76	14.67	15.8	0
15	16QAM	36	20	14.64	14.71	14.74		
15	16QAM	36	39	14.77	14.76	14.78		
15	16QAM	75	0	14.80	14.77	14.73		
15	64QAM	1	0	14.69	14.77	14.73	15.8	0
15	64QAM	1	37	14.69	14.78	14.72		
15	64QAM	1	74	14.65	14.75	14.79		
15	64QAM	36	0	14.78	14.73	14.66	15.8	0
15	64QAM	36	20	14.86	14.80	14.80		
15	64QAM	36	39	14.76	14.81	14.72		
15	64QAM	75	0	14.74	14.72	14.79		
15	256QAM	1	0	14.77	14.73	14.82	15.8	0
15	256QAM	1	37	14.81	14.79	14.68		
15	256QAM	1	74	14.69	14.76	14.74		
15	256QAM	36	0	14.79	14.79	14.71	15.8	0
15	256QAM	36	20	14.75	14.78	14.76		
15	256QAM	36	39	14.74	14.77	14.82		
15	256QAM	75	0	14.70	14.70	14.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.83	14.84	14.84	15.8	0
10	QPSK	1	25	14.77	14.74	14.69		
10	QPSK	1	49	14.67	14.82	14.75		
10	QPSK	25	0	14.70	14.80	14.78	15.8	0
10	QPSK	25	12	14.73	14.69	14.79		
10	QPSK	25	25	14.70	14.80	14.80		
10	QPSK	50	0	14.70	14.78	14.75		
10	16QAM	1	0	14.73	14.64	14.78	15.8	0
10	16QAM	1	25	14.69	14.69	14.74		
10	16QAM	1	49	14.72	14.74	14.79		
10	16QAM	25	0	14.81	14.70	14.75	15.8	0
10	16QAM	25	12	14.64	14.66	14.75		
10	16QAM	25	25	14.83	14.81	14.84		
10	16QAM	50	0	14.76	14.77	14.75		
10	64QAM	1	0	14.71	14.72	14.69	15.8	0
10	64QAM	1	25	14.78	14.75	14.69		
10	64QAM	1	49	14.70	14.71	14.73		
10	64QAM	25	0	14.83	14.74	14.74	15.8	0
10	64QAM	25	12	14.77	14.74	14.83		
10	64QAM	25	25	14.81	14.82	14.73		
10	64QAM	50	0	14.72	14.68	14.83		
10	256QAM	1	0	14.72	14.71	14.78	15.8	0
10	256QAM	1	25	14.81	14.82	14.72		
10	256QAM	1	49	14.68	14.80	14.77		
10	256QAM	25	0	14.82	14.78	14.70	15.8	0
10	256QAM	25	12	14.83	14.79	14.75		
10	256QAM	25	25	14.76	14.74	14.76		
10	256QAM	50	0	14.67	14.69	14.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.85	14.87	14.80	15.8	0
5	QPSK	1	12	14.76	14.71	14.74		
5	QPSK	1	24	14.68	14.76	14.74		
5	QPSK	12	0	14.76	14.81	14.81	15.8	0
5	QPSK	12	7	14.67	14.72	14.73		
5	QPSK	12	13	14.69	14.75	14.82		
5	QPSK	25	0	14.73	14.73	14.70		
5	16QAM	1	0	14.71	14.64	14.80	15.8	0
5	16QAM	1	12	14.69	14.73	14.76		
5	16QAM	1	24	14.70	14.72	14.76		
5	16QAM	12	0	14.80	14.80	14.72	15.8	0
5	16QAM	12	7	14.67	14.70	14.66		
5	16QAM	12	13	14.75	14.76	14.78		
5	16QAM	25	0	14.75	14.82	14.74		
5	64QAM	1	0	14.72	14.74	14.70	15.8	0
5	64QAM	1	12	14.74	14.79	14.69		
5	64QAM	1	24	14.64	14.74	14.79		
5	64QAM	12	0	14.77	14.71	14.64	15.8	0
5	64QAM	12	7	14.82	14.78	14.74		
5	64QAM	12	13	14.78	14.81	14.71		
5	64QAM	25	0	14.76	14.71	14.77		
5	256QAM	1	0	14.77	14.73	14.79	15.8	0
5	256QAM	1	12	14.78	14.74	14.72		
5	256QAM	1	24	14.73	14.83	14.74		
5	256QAM	12	0	14.77	14.74	14.67	15.8	0
5	256QAM	12	7	14.81	14.83	14.79		
5	256QAM	12	13	14.77	14.79	14.72		
5	256QAM	25	0	14.69	14.69	14.64		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.88	14.84	14.78	15.8	0
3	QPSK	1	8	14.74	14.75	14.70		
3	QPSK	1	14	14.76	14.75	14.76		
3	QPSK	8	0	14.79	14.87	14.79	15.8	0
3	QPSK	8	4	14.74	14.72	14.73		
3	QPSK	8	7	14.72	14.72	14.82		
3	QPSK	15	0	14.73	14.82	14.76		
3	16QAM	1	0	14.78	14.64	14.81	15.8	0
3	16QAM	1	8	14.70	14.67	14.73		
3	16QAM	1	14	14.71	14.66	14.69		
3	16QAM	8	0	14.78	14.73	14.68	15.8	0
3	16QAM	8	4	14.73	14.66	14.74		
3	16QAM	8	7	14.80	14.80	14.77		
3	16QAM	15	0	14.76	14.79	14.76		
3	64QAM	1	0	14.64	14.81	14.75	15.8	0
3	64QAM	1	8	14.71	14.75	14.64		
3	64QAM	1	14	14.73	14.73	14.72		
3	64QAM	8	0	14.77	14.79	14.70	15.8	0
3	64QAM	8	4	14.81	14.78	14.80		
3	64QAM	8	7	14.73	14.86	14.73		
3	64QAM	15	0	14.79	14.70	14.77		
3	256QAM	1	0	14.68	14.76	14.81	15.8	0
3	256QAM	1	8	14.81	14.83	14.73		
3	256QAM	1	14	14.77	14.81	14.74		
3	256QAM	8	0	14.79	14.73	14.69	15.8	0
3	256QAM	8	4	14.80	14.76	14.77		
3	256QAM	8	7	14.78	14.82	14.77		
3	256QAM	15	0	14.64	14.78	14.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.89	14.87	14.78	15.8	0
1.4	QPSK	1	3	14.77	14.77	14.68		
1.4	QPSK	1	5	14.70	14.75	14.70		
1.4	QPSK	3	0	14.71	14.80	14.77		
1.4	QPSK	3	1	14.74	14.76	14.79		
1.4	QPSK	3	3	14.75	14.79	14.77		
1.4	QPSK	6	0	14.69	14.82	14.70	15.8	0
1.4	16QAM	1	0	14.81	14.66	14.71	15.8	0
1.4	16QAM	1	3	14.68	14.71	14.77		
1.4	16QAM	1	5	14.76	14.74	14.74		
1.4	16QAM	3	0	14.76	14.80	14.68		
1.4	16QAM	3	1	14.64	14.73	14.65		
1.4	16QAM	3	3	14.77	14.82	14.84		
1.4	16QAM	6	0	14.83	14.83	14.75	15.8	0
1.4	64QAM	1	0	14.64	14.79	14.75	15.8	0
1.4	64QAM	1	3	14.76	14.83	14.69		
1.4	64QAM	1	5	14.70	14.70	14.78		
1.4	64QAM	3	0	14.81	14.78	14.65		
1.4	64QAM	3	1	14.85	14.70	14.76		
1.4	64QAM	3	3	14.79	14.77	14.77		
1.4	64QAM	6	0	14.78	14.75	14.76	15.8	0
1.4	256QAM	1	0	14.73	14.78	14.75	15.8	0
1.4	256QAM	1	3	14.76	14.83	14.68		
1.4	256QAM	1	5	14.73	14.78	14.70		
1.4	256QAM	3	0	14.78	14.76	14.69		
1.4	256QAM	3	1	14.82	14.80	14.79		
1.4	256QAM	3	3	14.71	14.82	14.73		
1.4	256QAM	6	0	14.64	14.70	14.70	15.8	0

Band 5_ANT 0(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	18.75	18.72	18.71	20	0
10	QPSK	1	25	18.71	18.69	18.66		
10	QPSK	1	49	18.69	18.64	18.65		
10	QPSK	25	0	18.73	18.72	18.61	20	0
10	QPSK	25	12	18.72	18.70	18.60		
10	QPSK	25	25	18.64	18.61	18.60		
10	QPSK	50	0	18.65	18.71	18.66		
10	16QAM	1	0	18.66	18.68	18.62	20	0
10	16QAM	1	25	18.65	18.72	18.67		
10	16QAM	1	49	18.60	18.69	18.67		
10	16QAM	25	0	18.69	18.61	18.66	20	0
10	16QAM	25	12	18.65	18.69	18.60		
10	16QAM	25	25	18.73	18.62	18.62		
10	16QAM	50	0	18.63	18.73	18.67		
10	64QAM	1	0	18.60	18.62	18.71	20	0
10	64QAM	1	25	18.63	18.67	18.69		
10	64QAM	1	49	18.69	18.63	18.73		
10	64QAM	25	0	18.61	18.60	18.66	20	0
10	64QAM	25	12	18.62	18.60	18.68		
10	64QAM	25	25	18.71	18.71	18.68		
10	64QAM	50	0	18.66	18.64	18.60		
10	256QAM	1	0	17.92	18.04	17.97	19	1
10	256QAM	1	25	18.06	17.99	17.99		
10	256QAM	1	49	17.97	17.92	17.94		
10	256QAM	25	0	17.88	17.94	17.91	19	1
10	256QAM	25	12	17.85	17.87	17.91		
10	256QAM	25	25	17.97	17.87	17.94		
10	256QAM	50	0	17.96	17.86	17.87		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	18.60	18.62	18.56	20	0
5	QPSK	1	12	18.57	18.60	18.62		
5	QPSK	1	24	18.65	18.55	18.56		
5	QPSK	12	0	18.60	18.62	18.55	20	0
5	QPSK	12	7	18.60	18.63	18.56		
5	QPSK	12	13	18.61	18.56	18.52		
5	QPSK	25	0	18.50	18.63	18.61		
5	16QAM	1	0	18.57	18.63	18.51	20	0
5	16QAM	1	12	18.52	18.67	18.54		
5	16QAM	1	24	18.55	18.56	18.56		
5	16QAM	12	0	18.66	18.54	18.61	20	0
5	16QAM	12	7	18.58	18.58	18.54		
5	16QAM	12	13	18.61	18.58	18.53		
5	16QAM	25	0	18.59	18.68	18.59		
5	64QAM	1	0	18.47	18.51	18.60	20	0
5	64QAM	1	12	18.52	18.63	18.62		
5	64QAM	1	24	18.63	18.52	18.68		
5	64QAM	12	0	18.51	18.51	18.60	20	0
5	64QAM	12	7	18.49	18.56	18.65		
5	64QAM	12	13	18.63	18.63	18.61		
5	64QAM	25	0	18.55	18.52	18.57		
5	256QAM	1	0	17.83	17.97	17.86	19	1
5	256QAM	1	12	18.00	17.93	17.91		
5	256QAM	1	24	17.90	17.81	17.89		
5	256QAM	12	0	17.79	17.87	17.81	19	1
5	256QAM	12	7	17.79	17.78	17.86		
5	256QAM	12	13	17.87	17.83	17.81		
5	256QAM	25	0	17.92	17.82	17.80		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	18.62	18.68	18.53	20	0
3	QPSK	1	8	18.63	18.63	18.64		
3	QPSK	1	14	18.65	18.54	18.53		
3	QPSK	8	0	18.61	18.66	18.53	20	0
3	QPSK	8	4	18.54	18.58	18.51		
3	QPSK	8	7	18.60	18.56	18.47		
3	QPSK	15	0	18.52	18.64	18.62		
3	16QAM	1	0	18.62	18.58	18.53	20	0
3	16QAM	1	8	18.60	18.61	18.57		
3	16QAM	1	14	18.51	18.61	18.63		
3	16QAM	8	0	18.61	18.57	18.63	20	0
3	16QAM	8	4	18.59	18.58	18.51		
3	16QAM	8	7	18.61	18.54	18.57		
3	16QAM	15	0	18.55	18.64	18.54		
3	64QAM	1	0	18.55	18.49	18.68	20	0
3	64QAM	1	8	18.50	18.61	18.60		
3	64QAM	1	14	18.56	18.52	18.70		
3	64QAM	8	0	18.49	18.47	18.56	20	0
3	64QAM	8	4	18.55	18.47	18.57		
3	64QAM	8	7	18.65	18.59	18.57		
3	64QAM	15	0	18.53	18.61	18.48		
3	256QAM	1	0	17.83	17.92	17.91	19	1
3	256QAM	1	8	17.97	17.89	17.92		
3	256QAM	1	14	17.88	17.85	17.89		
3	256QAM	8	0	17.76	17.89	17.85	19	1
3	256QAM	8	4	17.74	17.74	17.87		
3	256QAM	8	7	17.85	17.79	17.86		
3	256QAM	15	0	17.85	17.83	17.74		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	18.68	18.63	18.62	20	0
1.4	QPSK	1	3	18.56	18.66	18.64		
1.4	QPSK	1	5	18.62	18.53	18.61		
1.4	QPSK	3	0	18.56	18.68	18.52		
1.4	QPSK	3	1	18.53	18.63	18.53		
1.4	QPSK	3	3	18.64	18.49	18.50		
1.4	QPSK	6	0	18.48	18.58	18.63	20	0
1.4	16QAM	1	0	18.62	18.58	18.58	20	0
1.4	16QAM	1	3	18.52	18.60	18.62		
1.4	16QAM	1	5	18.51	18.66	18.61		
1.4	16QAM	3	0	18.59	18.52	18.55		
1.4	16QAM	3	1	18.57	18.61	18.47		
1.4	16QAM	3	3	18.62	18.53	18.56		
1.4	16QAM	6	0	18.55	18.62	18.60	20	0
1.4	64QAM	1	0	18.48	18.50	18.61	20	0
1.4	64QAM	1	3	18.53	18.58	18.56		
1.4	64QAM	1	5	18.63	18.51	18.61		
1.4	64QAM	3	0	18.56	18.53	18.57		
1.4	64QAM	3	1	18.52	18.52	18.55		
1.4	64QAM	3	3	18.58	18.62	18.64		
1.4	64QAM	6	0	18.61	18.61	18.47	20	0
1.4	256QAM	1	0	17.89	17.91	17.85	19	1
1.4	256QAM	1	3	18.03	17.96	17.89		
1.4	256QAM	1	5	17.88	17.79	17.89		
1.4	256QAM	3	0	17.81	17.87	17.88		
1.4	256QAM	3	1	17.81	17.84	17.87		
1.4	256QAM	3	3	17.87	17.78	17.90		
1.4	256QAM	6	0	17.84	17.78	17.77	19	1

Band 7_ANT 2(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.16	19.21	19.20	20	0
20	QPSK	1	49	18.97	19.13	19.19		
20	QPSK	1	99	19.15	18.97	18.87		
20	QPSK	50	0	18.92	19.12	19.10	20	0
20	QPSK	50	24	18.89	19.11	19.01		
20	QPSK	50	50	18.87	19.05	19.09		
20	QPSK	100	0	18.84	19.11	19.05		
20	16QAM	1	0	19.01	18.95	18.93	20	0
20	16QAM	1	49	19.07	18.96	18.93		
20	16QAM	1	99	18.94	18.91	19.04		
20	16QAM	50	0	18.89	18.93	19.03	20	0
20	16QAM	50	24	18.85	18.90	18.95		
20	16QAM	50	50	18.89	18.92	18.92		
20	16QAM	100	0	18.86	18.99	19.08		
20	64QAM	1	0	18.91	18.88	18.95	20	0
20	64QAM	1	49	19.02	18.97	18.92		
20	64QAM	1	99	18.93	18.96	18.97		
20	64QAM	50	0	18.71	18.99	19.00	20	0
20	64QAM	50	24	18.91	19.08	18.99		
20	64QAM	50	50	18.97	18.90	19.06		
20	64QAM	100	0	18.89	18.91	18.95		
20	256QAM	1	0	18.58	18.49	18.52	19	1
20	256QAM	1	49	18.52	18.44	18.54		
20	256QAM	1	99	18.42	18.42	18.39		
20	256QAM	50	0	18.33	18.34	18.38	19	1
20	256QAM	50	24	18.47	18.40	18.36		
20	256QAM	50	50	18.38	18.39	18.36		
20	256QAM	100	0	18.40	18.36	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.94	18.76	18.84	20	0
15	QPSK	1	37	18.75	18.78	18.87		
15	QPSK	1	74	18.73	18.81	18.72		
15	QPSK	36	0	18.64	18.93	18.93	20	0
15	QPSK	36	20	18.85	18.86	18.79		
15	QPSK	36	39	18.65	18.77	18.86		
15	QPSK	75	0	18.75	18.76	18.85		
15	16QAM	1	0	18.76	18.92	18.73	20	0
15	16QAM	1	37	18.71	18.91	18.75		
15	16QAM	1	74	18.79	18.91	18.84		
15	16QAM	36	0	18.66	18.75	18.78	20	0
15	16QAM	36	20	18.74	18.88	18.75		
15	16QAM	36	39	18.85	18.76	18.83		
15	16QAM	75	0	18.71	18.94	18.81		
15	64QAM	1	0	18.71	18.84	18.62	20	0
15	64QAM	1	37	18.85	18.85	18.68		
15	64QAM	1	74	18.70	18.91	18.78		
15	64QAM	36	0	18.67	18.89	18.99	20	0
15	64QAM	36	20	18.73	18.84	18.89		
15	64QAM	36	39	18.86	18.75	18.74		
15	64QAM	75	0	18.69	18.80	18.94		
15	256QAM	1	0	18.61	18.51	18.60	19	1
15	256QAM	1	37	18.62	18.67	18.63		
15	256QAM	1	74	18.67	18.64	18.61		
15	256QAM	36	0	18.60	18.56	18.61	19	1
15	256QAM	36	20	18.67	18.65	18.59		
15	256QAM	36	39	18.61	18.66	18.68		
15	256QAM	75	0	18.65	18.65	18.62		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.84	18.75	18.92	20	0
10	QPSK	1	25	18.78	18.88	18.85		
10	QPSK	1	49	18.63	18.90	18.70		
10	QPSK	25	0	18.60	18.97	18.87	20	0
10	QPSK	25	12	18.85	18.74	18.84		
10	QPSK	25	25	18.75	18.76	18.76		
10	QPSK	50	0	18.82	18.82	18.95		
10	16QAM	1	0	18.88	18.97	18.80	20	0
10	16QAM	1	25	18.67	18.94	18.90		
10	16QAM	1	49	18.78	18.90	18.77		
10	16QAM	25	0	18.62	18.77	18.78	20	0
10	16QAM	25	12	18.86	18.85	18.71		
10	16QAM	25	25	18.82	18.73	18.80		
10	16QAM	50	0	18.87	18.81	18.87		
10	64QAM	1	0	18.80	18.81	18.57	20	0
10	64QAM	1	25	18.80	18.79	18.70		
10	64QAM	1	49	18.74	18.87	18.72		
10	64QAM	25	0	18.54	18.87	18.98	20	0
10	64QAM	25	12	18.79	18.80	18.75		
10	64QAM	25	25	18.77	18.72	18.76		
10	64QAM	50	0	18.82	18.79	18.85		
10	256QAM	1	0	18.61	18.50	18.61	19	1
10	256QAM	1	25	18.62	18.67	18.63		
10	256QAM	1	49	18.67	18.64	18.61		
10	256QAM	25	0	18.60	18.56	18.62	19	1
10	256QAM	25	12	18.67	18.66	18.58		
10	256QAM	25	25	18.61	18.66	18.68		
10	256QAM	50	0	18.65	18.66	18.62		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.89	18.87	18.88	20	0
5	QPSK	1	12	18.84	18.90	18.87		
5	QPSK	1	24	18.70	18.87	18.81		
5	QPSK	12	0	18.69	18.99	18.86	20	0
5	QPSK	12	7	18.87	18.74	18.87		
5	QPSK	12	13	18.78	18.89	18.85		
5	QPSK	25	0	18.79	18.79	18.93		
5	16QAM	1	0	18.85	18.84	18.80	20	0
5	16QAM	1	12	18.66	18.82	18.90		
5	16QAM	1	24	18.81	18.76	18.77		
5	16QAM	12	0	18.74	18.80	18.83	20	0
5	16QAM	12	7	18.80	18.86	18.81		
5	16QAM	12	13	18.87	18.78	18.91		
5	16QAM	25	0	18.70	18.81	18.73		
5	64QAM	1	0	18.76	18.93	18.72	20	0
5	64QAM	1	12	18.87	18.79	18.81		
5	64QAM	1	24	18.65	18.83	18.84		
5	64QAM	12	0	18.60	18.79	18.98	20	0
5	64QAM	12	7	18.69	18.89	18.78		
5	64QAM	12	13	18.81	18.72	18.87		
5	64QAM	25	0	18.81	18.80	18.88		
5	256QAM	1	0	18.61	18.50	18.61	19	1
5	256QAM	1	12	18.62	18.67	18.63		
5	256QAM	1	24	18.67	18.64	18.62		
5	256QAM	12	0	18.60	18.56	18.61	19	1
5	256QAM	12	7	18.68	18.65	18.59		
5	256QAM	12	13	18.61	18.67	18.67		
5	256QAM	25	0	18.65	18.65	18.62		

Band 7_ANT 5(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.27	13.33	13.30	14.8	0
20	QPSK	1	49	13.23	13.28	13.27		
20	QPSK	1	99	13.19	13.27	13.23		
20	QPSK	50	0	13.29	13.30	13.27	14.8	0
20	QPSK	50	24	13.25	13.24	13.26		
20	QPSK	50	50	13.23	13.24	13.23		
20	QPSK	100	0	13.25	13.26	13.23		
20	16QAM	1	0	13.24	13.24	13.21	14.8	0
20	16QAM	1	49	13.25	13.23	13.28		
20	16QAM	1	99	13.23	13.23	13.27		
20	16QAM	50	0	13.23	13.24	13.25	14.8	0
20	16QAM	50	24	13.25	13.25	13.19		
20	16QAM	50	50	13.21	13.30	13.22		
20	16QAM	100	0	13.27	13.25	13.28		
20	64QAM	1	0	13.25	13.18	13.28	14.8	0
20	64QAM	1	49	13.25	13.20	13.26		
20	64QAM	1	99	13.19	13.31	13.26		
20	64QAM	50	0	13.27	13.28	13.28	14.8	0
20	64QAM	50	24	13.30	13.27	13.27		
20	64QAM	50	50	13.31	13.20	13.26		
20	64QAM	100	0	13.28	13.26	13.19		
20	256QAM	1	0	13.18	13.24	13.31	14.8	0
20	256QAM	1	49	13.18	13.31	13.22		
20	256QAM	1	99	13.23	13.21	13.25		
20	256QAM	50	0	13.29	13.20	13.22	14.8	0
20	256QAM	50	24	13.23	13.18	13.24		
20	256QAM	50	50	13.29	13.31	13.30		
20	256QAM	100	0	13.31	13.28	13.31		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.21	13.28	13.29	14.8	0
15	QPSK	1	37	13.12	13.24	13.24		
15	QPSK	1	74	13.10	13.16	13.20		
15	QPSK	36	0	13.16	13.22	13.24	14.8	0
15	QPSK	36	20	13.19	13.19	13.22		
15	QPSK	36	39	13.18	13.17	13.13		
15	QPSK	75	0	13.16	13.14	13.10		
15	16QAM	1	0	13.12	13.13	13.09	14.8	0
15	16QAM	1	37	13.21	13.13	13.15		
15	16QAM	1	74	13.20	13.15	13.20		
15	16QAM	36	0	13.10	13.17	13.13	14.8	0
15	16QAM	36	20	13.14	13.14	13.10		
15	16QAM	36	39	13.18	13.25	13.16		
15	16QAM	75	0	13.22	13.17	13.25		
15	64QAM	1	0	13.13	13.11	13.20	14.8	0
15	64QAM	1	37	13.22	13.09	13.22		
15	64QAM	1	74	13.12	13.21	13.20		
15	64QAM	36	0	13.23	13.23	13.16	14.8	0
15	64QAM	36	20	13.25	13.23	13.21		
15	64QAM	36	39	13.28	13.07	13.23		
15	64QAM	75	0	13.16	13.22	13.14		
15	256QAM	1	0	13.06	13.16	13.26	14.8	0
15	256QAM	1	37	13.10	13.26	13.10		
15	256QAM	1	74	13.15	13.15	13.22		
15	256QAM	36	0	13.25	13.11	13.09	14.8	0
15	256QAM	36	20	13.20	13.07	13.20		
15	256QAM	36	39	13.16	13.26	13.23		
15	256QAM	75	0	13.27	13.24	13.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.20	13.26	13.29	14.8	0
10	QPSK	1	25	13.10	13.15	13.15		
10	QPSK	1	49	13.08	13.23	13.14		
10	QPSK	25	0	13.17	13.18	13.19	14.8	0
10	QPSK	25	12	13.22	13.17	13.16		
10	QPSK	25	25	13.17	13.20	13.19		
10	QPSK	50	0	13.13	13.20	13.13		
10	16QAM	1	0	13.15	13.19	13.12	14.8	0
10	16QAM	1	25	13.19	13.20	13.24		
10	16QAM	1	49	13.14	13.18	13.15		
10	16QAM	25	0	13.17	13.11	13.12	14.8	0
10	16QAM	25	12	13.20	13.14	13.11		
10	16QAM	25	25	13.17	13.27	13.13		
10	16QAM	50	0	13.24	13.15	13.19		
10	64QAM	1	0	13.20	13.07	13.17	14.8	0
10	64QAM	1	25	13.22	13.11	13.20		
10	64QAM	1	49	13.11	13.25	13.23		
10	64QAM	25	0	13.22	13.19	13.20	14.8	0
10	64QAM	25	12	13.27	13.23	13.19		
10	64QAM	25	25	13.20	13.08	13.17		
10	64QAM	50	0	13.20	13.13	13.10		
10	256QAM	1	0	13.05	13.16	13.26	14.8	0
10	256QAM	1	25	13.09	13.24	13.16		
10	256QAM	1	49	13.12	13.08	13.14		
10	256QAM	25	0	13.18	13.08	13.09	14.8	0
10	256QAM	25	12	13.15	13.06	13.13		
10	256QAM	25	25	13.22	13.24	13.27		
10	256QAM	50	0	13.19	13.16	13.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.25	13.27	13.29	14.8	0
5	QPSK	1	12	13.14	13.17	13.15		
5	QPSK	1	24	13.12	13.22	13.17		
5	QPSK	12	0	13.21	13.27	13.18	14.8	0
5	QPSK	12	7	13.15	13.20	13.13		
5	QPSK	12	13	13.19	13.19	13.17		
5	QPSK	25	0	13.19	13.16	13.14		
5	16QAM	1	0	13.15	13.17	13.13	14.8	0
5	16QAM	1	12	13.17	13.11	13.23		
5	16QAM	1	24	13.14	13.12	13.15		
5	16QAM	12	0	13.14	13.11	13.15	14.8	0
5	16QAM	12	7	13.13	13.13	13.12		
5	16QAM	12	13	13.14	13.22	13.17		
5	16QAM	25	0	13.24	13.20	13.20		
5	64QAM	1	0	13.21	13.10	13.25	14.8	0
5	64QAM	1	12	13.12	13.10	13.15		
5	64QAM	1	24	13.09	13.27	13.21		
5	64QAM	12	0	13.16	13.19	13.25	14.8	0
5	64QAM	12	7	13.22	13.19	13.18		
5	64QAM	12	13	13.20	13.17	13.13		
5	64QAM	25	0	13.24	13.17	13.08		
5	256QAM	1	0	13.08	13.20	13.27	14.8	0
5	256QAM	1	12	13.08	13.27	13.12		
5	256QAM	1	24	13.14	13.09	13.15		
5	256QAM	12	0	13.20	13.12	13.14	14.8	0
5	256QAM	12	7	13.10	13.05	13.14		
5	256QAM	12	13	13.24	13.27	13.19		
5	256QAM	25	0	13.24	13.15	13.18		

Band 12_ANT 0(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	18.84	18.87	18.81	20	0
10	QPSK	1	25	18.81	18.84	18.79		
10	QPSK	1	49	18.76	18.79	18.72		
10	QPSK	25	0	18.81	18.85	18.83	20	0
10	QPSK	25	12	18.76	18.81	18.78		
10	QPSK	25	25	18.71	18.78	18.75		
10	QPSK	50	0	18.74	18.83	18.82		
10	16QAM	1	0	18.77	18.81	18.74	20	0
10	16QAM	1	25	18.78	18.74	18.80		
10	16QAM	1	49	18.82	18.72	18.72		
10	16QAM	25	0	18.72	18.77	18.81	20	0
10	16QAM	25	12	18.80	18.84	18.78		
10	16QAM	25	25	18.78	18.75	18.81		
10	16QAM	50	0	18.77	18.84	18.83		
10	64QAM	1	0	18.82	18.74	18.76	20	0
10	64QAM	1	25	18.82	18.79	18.77		
10	64QAM	1	49	18.82	18.74	18.72		
10	64QAM	25	0	18.83	18.77	18.77	20	0
10	64QAM	25	12	18.73	18.75	18.78		
10	64QAM	25	25	18.79	18.85	18.77		
10	64QAM	50	0	18.79	18.78	18.76		
10	256QAM	1	0	17.98	18.06	18.10	19	1
10	256QAM	1	25	18.10	18.10	18.05		
10	256QAM	1	49	17.98	18.07	18.09		
10	256QAM	25	0	18.03	17.99	18.07	19	1
10	256QAM	25	12	17.96	17.97	18.09		
10	256QAM	25	25	18.02	18.00	17.96		
10	256QAM	50	0	18.01	17.96	18.00		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	18.69	18.75	18.67	20	0
5	QPSK	1	12	18.78	18.66	18.69		
5	QPSK	1	24	18.65	18.73	18.68		
5	QPSK	12	0	18.69	18.77	18.66	20	0
5	QPSK	12	7	18.61	18.69	18.79		
5	QPSK	12	13	18.70	18.78	18.68		
5	QPSK	25	0	18.70	18.73	18.71		
5	16QAM	1	0	18.72	18.78	18.69	20	0
5	16QAM	1	12	18.74	18.62	18.70		
5	16QAM	1	24	18.76	18.64	18.68		
5	16QAM	12	0	18.60	18.64	18.76	20	0
5	16QAM	12	7	18.72	18.74	18.75		
5	16QAM	12	13	18.66	18.69	18.68		
5	16QAM	25	0	18.70	18.80	18.74		
5	64QAM	1	0	18.69	18.67	18.67	20	0
5	64QAM	1	12	18.74	18.73	18.74		
5	64QAM	1	24	18.72	18.61	18.66		
5	64QAM	12	0	18.78	18.67	18.64	20	0
5	64QAM	12	7	18.68	18.69	18.72		
5	64QAM	12	13	18.74	18.76	18.66		
5	64QAM	25	0	18.75	18.73	18.73		
5	256QAM	1	0	17.87	18.01	17.99	19	1
5	256QAM	1	12	18.01	17.98	18.01		
5	256QAM	1	24	17.86	18.03	17.99		
5	256QAM	12	0	17.97	17.91	17.97	19	1
5	256QAM	12	7	17.87	17.85	18.04		
5	256QAM	12	13	17.95	17.93	17.83		
5	256QAM	25	0	17.96	17.90	17.93		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	18.73	18.79	18.71	20	0
3	QPSK	1	8	18.74	18.64	18.68		
3	QPSK	1	14	18.65	18.71	18.68		
3	QPSK	8	0	18.61	18.77	18.74	20	0
3	QPSK	8	4	18.62	18.64	18.77		
3	QPSK	8	7	18.69	18.73	18.70		
3	QPSK	15	0	18.70	18.79	18.78		
3	16QAM	1	0	18.73	18.73	18.66	20	0
3	16QAM	1	8	18.69	18.63	18.72		
3	16QAM	1	14	18.75	18.66	18.60		
3	16QAM	8	0	18.61	18.68	18.72	20	0
3	16QAM	8	4	18.69	18.78	18.65		
3	16QAM	8	7	18.72	18.69	18.75		
3	16QAM	15	0	18.74	18.80	18.76		
3	64QAM	1	0	18.74	18.67	18.63	20	0
3	64QAM	1	8	18.77	18.74	18.69		
3	64QAM	1	14	18.70	18.70	18.60		
3	64QAM	8	0	18.74	18.64	18.68	20	0
3	64QAM	8	4	18.62	18.70	18.67		
3	64QAM	8	7	18.70	18.72	18.67		
3	64QAM	15	0	18.74	18.71	18.73		
3	256QAM	1	0	17.85	17.97	17.97	19	1
3	256QAM	1	8	18.02	18.00	18.02		
3	256QAM	1	14	17.93	18.04	17.97		
3	256QAM	8	0	17.90	17.87	17.99	19	1
3	256QAM	8	4	17.90	17.91	18.04		
3	256QAM	8	7	17.98	17.93	17.92		
3	256QAM	15	0	17.96	17.85	17.89		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	18.69	18.76	18.72	20	0
1.4	QPSK	1	3	18.71	18.63	18.68		
1.4	QPSK	1	5	18.68	18.76	18.67		
1.4	QPSK	3	0	18.64	18.77	18.72		
1.4	QPSK	3	1	18.65	18.63	18.78		
1.4	QPSK	3	3	18.73	18.69	18.74		
1.4	QPSK	6	0	18.66	18.74	18.76	20	0
1.4	16QAM	1	0	18.69	18.77	18.70	20	0
1.4	16QAM	1	3	18.71	18.61	18.75		
1.4	16QAM	1	5	18.71	18.61	18.62		
1.4	16QAM	3	0	18.64	18.66	18.76		
1.4	16QAM	3	1	18.69	18.78	18.65		
1.4	16QAM	3	3	18.72	18.69	18.78		
1.4	16QAM	6	0	18.68	18.76	18.76	20	0
1.4	64QAM	1	0	18.75	18.65	18.72	20	0
1.4	64QAM	1	3	18.74	18.74	18.66		
1.4	64QAM	1	5	18.72	18.61	18.62		
1.4	64QAM	3	0	18.80	18.65	18.72		
1.4	64QAM	3	1	18.70	18.68	18.68		
1.4	64QAM	3	3	18.74	18.81	18.64		
1.4	64QAM	6	0	18.75	18.65	18.70	20	0
1.4	256QAM	1	0	17.94	17.96	18.01	19	1
1.4	256QAM	1	3	18.03	17.98	17.95		
1.4	256QAM	1	5	17.90	18.01	18.03		
1.4	256QAM	3	0	17.92	17.96	17.94		
1.4	256QAM	3	1	17.83	17.86	17.98		
1.4	256QAM	3	3	17.99	17.92	17.93		
1.4	256QAM	6	0	17.94	17.84	17.94	19	1

Band 13_ANT 0(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		18.51		20	0
10	QPSK	1	25		18.46			
10	QPSK	1	49		18.47			
10	QPSK	25	0		18.47		20	0
10	QPSK	25	12		18.45			
10	QPSK	25	25		18.43			
10	QPSK	50	0		18.44			
10	16QAM	1	0		18.43		20	0
10	16QAM	1	25		18.44			
10	16QAM	1	49		18.48			
10	16QAM	25	0		18.45		20	0
10	16QAM	25	12		18.47			
10	16QAM	25	25		18.46			
10	16QAM	50	0		18.48			
10	64QAM	1	0		18.48		20	0
10	64QAM	1	25		18.45			
10	64QAM	1	49		18.46			
10	64QAM	25	0		18.43		20	0
10	64QAM	25	12		18.47			
10	64QAM	25	25		18.48			
10	64QAM	50	0		18.48			
10	256QAM	1	0		18.19		19	1
10	256QAM	1	25		18.21			
10	256QAM	1	49		18.14			
10	256QAM	25	0		18.04		19	1
10	256QAM	25	12		17.99			
10	256QAM	25	25		18.00			
10	256QAM	50	0		17.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	18.46	18.43	18.47	20	0
5	QPSK	1	12	18.39	18.41	18.36		
5	QPSK	1	24	18.42	18.39	18.36		
5	QPSK	12	0	18.32	18.32	18.35	20	0
5	QPSK	12	7	18.38	18.36	18.38		
5	QPSK	12	13	18.35	18.38	18.30		
5	QPSK	25	0	18.37	18.40	18.36		
5	16QAM	1	0	18.31	18.38	18.30	20	0
5	16QAM	1	12	18.36	18.34	18.40		
5	16QAM	1	24	18.44	18.42	18.41		
5	16QAM	12	0	18.33	18.37	18.40	20	0
5	16QAM	12	7	18.40	18.41	18.41		
5	16QAM	12	13	18.35	18.34	18.42		
5	16QAM	25	0	18.39	18.44	18.41		
5	64QAM	1	0	18.44	18.38	18.38	20	0
5	64QAM	1	12	18.37	18.35	18.41		
5	64QAM	1	24	18.34	18.33	18.37		
5	64QAM	12	0	18.37	18.35	18.37	20	0
5	64QAM	12	7	18.43	18.37	18.40		
5	64QAM	12	13	18.42	18.41	18.39		
5	64QAM	25	0	18.43	18.43	18.44		
5	256QAM	1	0	18.14	18.15	18.14	19	1
5	256QAM	1	12	18.08	18.18	18.09		
5	256QAM	1	24	18.02	18.11	18.07		
5	256QAM	12	0	17.99	17.97	17.99	19	1
5	256QAM	12	7	17.93	17.95	17.92		
5	256QAM	12	13	17.91	17.97	17.97		
5	256QAM	25	0	17.94	17.91	17.92		

Band 17_ANT 0(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	18.80	18.82	18.78	20	0
10	QPSK	1	25	18.78	18.76	18.71		
10	QPSK	1	49	18.72	18.72	18.67		
10	QPSK	25	0	18.77	18.80	18.78	20	0
10	QPSK	25	12	18.72	18.76	18.77		
10	QPSK	25	25	18.67	18.69	18.68		
10	QPSK	50	0	18.74	18.78	18.73		
10	16QAM	1	0	18.73	18.78	18.75	20	0
10	16QAM	1	25	18.78	18.79	18.69		
10	16QAM	1	49	18.74	18.70	18.73		
10	16QAM	25	0	18.69	18.76	18.67	20	0
10	16QAM	25	12	18.69	18.79	18.78		
10	16QAM	25	25	18.76	18.70	18.77		
10	16QAM	50	0	18.80	18.69	18.74		
10	64QAM	1	0	18.71	18.77	18.72	20	0
10	64QAM	1	25	18.77	18.72	18.69		
10	64QAM	1	49	18.72	18.73	18.76		
10	64QAM	25	0	18.68	18.72	18.71	20	0
10	64QAM	25	12	18.70	18.68	18.78		
10	64QAM	25	25	18.78	18.70	18.73		
10	64QAM	50	0	18.72	18.71	18.70		
10	256QAM	1	0	17.96	17.95	17.93	19	1
10	256QAM	1	25	17.97	18.00	17.95		
10	256QAM	1	49	18.01	17.95	17.96		
10	256QAM	25	0	17.89	17.88	17.92	19	1
10	256QAM	25	12	18.01	18.00	17.98		
10	256QAM	25	25	17.90	18.00	17.99		
10	256QAM	50	0	18.00	17.88	18.01		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	18.73	18.76	18.68	20	0
5	QPSK	1	12	18.65	18.72	18.55		
5	QPSK	1	24	18.65	18.63	18.70		
5	QPSK	12	0	18.63	18.71	18.63	20	0
5	QPSK	12	7	18.60	18.59	18.71		
5	QPSK	12	13	18.64	18.67	18.55		
5	QPSK	25	0	18.62	18.66	18.65		
5	16QAM	1	0	18.62	18.68	18.68	20	0
5	16QAM	1	12	18.69	18.67	18.59		
5	16QAM	1	24	18.62	18.67	18.66		
5	16QAM	12	0	18.63	18.63	18.60	20	0
5	16QAM	12	7	18.63	18.74	18.71		
5	16QAM	12	13	18.71	18.64	18.69		
5	16QAM	25	0	18.70	18.62	18.63		
5	64QAM	1	0	18.61	18.64	18.66	20	0
5	64QAM	1	12	18.74	18.61	18.64		
5	64QAM	1	24	18.67	18.62	18.66		
5	64QAM	12	0	18.56	18.62	18.68	20	0
5	64QAM	12	7	18.60	18.59	18.70		
5	64QAM	12	13	18.75	18.57	18.60		
5	64QAM	25	0	18.67	18.67	18.63		
5	256QAM	1	0	17.92	17.92	17.90	19	1
5	256QAM	1	12	17.94	17.92	17.85		
5	256QAM	1	24	17.98	17.89	17.90		
5	256QAM	12	0	17.86	17.85	17.79	19	1
5	256QAM	12	7	17.93	17.96	17.87		
5	256QAM	12	13	17.87	17.87	17.96		
5	256QAM	25	0	17.94	17.82	17.95		

Band 25_ANT 2(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.82	17.97	17.96	18.8	0
20	QPSK	1	49	17.66	17.78	17.68		
20	QPSK	1	99	17.57	17.83	17.49		
20	QPSK	50	0	17.81	17.96	17.80	18.8	0
20	QPSK	50	24	17.61	17.80	17.59		
20	QPSK	50	50	17.80	17.85	17.78		
20	QPSK	100	0	17.73	17.93	17.67		
20	16QAM	1	0	17.64	17.84	17.59	18.8	0
20	16QAM	1	49	17.68	17.70	17.62		
20	16QAM	1	99	17.50	17.64	17.60		
20	16QAM	50	0	17.70	17.61	17.53	18.8	0
20	16QAM	50	24	17.67	17.74	17.70		
20	16QAM	50	50	17.58	17.75	17.66		
20	16QAM	100	0	17.55	17.67	17.61		
20	64QAM	1	0	17.78	17.65	17.72	18.8	0
20	64QAM	1	49	17.80	17.63	17.70		
20	64QAM	1	99	17.58	17.76	17.71		
20	64QAM	50	0	17.55	17.62	17.58	18.8	0
20	64QAM	50	24	17.75	17.85	17.65		
20	64QAM	50	50	17.53	17.75	17.56		
20	64QAM	100	0	17.69	17.68	17.67		
20	256QAM	1	0	17.81	17.79	17.76	18.8	0
20	256QAM	1	49	17.73	17.73	17.79		
20	256QAM	1	99	17.67	17.69	17.64		
20	256QAM	50	0	17.45	17.62	17.56	18.8	0
20	256QAM	50	24	17.75	17.61	17.63		
20	256QAM	50	50	17.66	17.71	17.70		
20	256QAM	100	0	17.56	17.53	17.58		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.58	17.49	17.52	18.8	0
15	QPSK	1	37	17.47	17.56	17.47		
15	QPSK	1	74	17.49	17.56	17.27		
15	QPSK	36	0	17.59	17.56	17.54	18.8	0
15	QPSK	36	20	17.58	17.71	17.57		
15	QPSK	36	39	17.59	17.70	17.57		
15	QPSK	75	0	17.64	17.70	17.44		
15	16QAM	1	0	17.62	17.80	17.54	18.8	0
15	16QAM	1	37	17.61	17.83	17.62		
15	16QAM	1	74	17.62	17.49	17.53		
15	16QAM	36	0	17.53	17.77	17.48	18.8	0
15	16QAM	36	20	17.66	17.85	17.49		
15	16QAM	36	39	17.61	17.79	17.54		
15	16QAM	75	0	17.72	17.74	17.51		
15	64QAM	1	0	17.82	17.73	17.62	18.8	0
15	64QAM	1	37	17.76	17.72	17.61		
15	64QAM	1	74	17.62	17.61	17.61		
15	64QAM	36	0	17.58	17.67	17.48	18.8	0
15	64QAM	36	20	17.63	17.75	17.55		
15	64QAM	36	39	17.56	17.73	17.63		
15	64QAM	75	0	17.66	17.67	17.54		
15	256QAM	1	0	17.69	17.71	17.69	18.8	0
15	256QAM	1	37	17.61	17.67	17.78		
15	256QAM	1	74	17.74	17.67	17.72		
15	256QAM	36	0	17.77	17.75	17.72	18.8	0
15	256QAM	36	20	17.69	17.68	17.75		
15	256QAM	36	39	17.68	17.87	17.70		
15	256QAM	75	0	17.64	17.65	17.71		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.51	17.70	17.49	18.8	0
10	QPSK	1	25	17.69	17.66	17.54		
10	QPSK	1	49	17.46	17.61	17.59		
10	QPSK	25	0	17.66	17.71	17.54	18.8	0
10	QPSK	25	12	17.72	17.64	17.63		
10	QPSK	25	25	17.66	17.71	17.62		
10	QPSK	50	0	17.79	17.76	17.68		
10	16QAM	1	0	17.67	17.69	17.75	18.8	0
10	16QAM	1	25	17.74	17.76	17.81		
10	16QAM	1	49	17.74	17.74	17.67		
10	16QAM	25	0	17.62	17.65	17.56	18.8	0
10	16QAM	25	12	17.77	17.81	17.71		
10	16QAM	25	25	17.73	17.68	17.60		
10	16QAM	50	0	17.71	17.72	17.68		
10	64QAM	1	0	17.61	17.61	17.72	18.8	0
10	64QAM	1	25	17.63	17.76	17.69		
10	64QAM	1	49	17.65	17.73	17.74		
10	64QAM	25	0	17.73	17.59	17.64	18.8	0
10	64QAM	25	12	17.83	17.71	17.74		
10	64QAM	25	25	17.73	17.61	17.59		
10	64QAM	50	0	17.77	17.62	17.61		
10	256QAM	1	0	17.71	17.51	17.70	18.8	0
10	256QAM	1	25	17.77	17.80	17.66		
10	256QAM	1	49	17.80	17.70	17.86		
10	256QAM	25	0	17.70	17.69	17.81	18.8	0
10	256QAM	25	12	17.62	17.83	17.81		
10	256QAM	25	25	17.60	17.58	17.77		
10	256QAM	50	0	17.73	17.75	17.82		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.57	17.77	17.55	18.8	0
5	QPSK	1	12	17.72	17.69	17.65		
5	QPSK	1	24	17.67	17.80	17.43		
5	QPSK	12	0	17.76	17.57	17.65	18.8	0
5	QPSK	12	7	17.71	17.59	17.61		
5	QPSK	12	13	17.73	17.58	17.63		
5	QPSK	25	0	17.67	17.73	17.58		
5	16QAM	1	0	17.67	17.67	17.76	18.8	0
5	16QAM	1	12	17.74	17.71	17.67		
5	16QAM	1	24	17.66	17.59	17.78		
5	16QAM	12	0	17.77	17.77	17.56	18.8	0
5	16QAM	12	7	17.75	17.76	17.69		
5	16QAM	12	13	17.79	17.69	17.67		
5	16QAM	25	0	17.81	17.75	17.46		
5	64QAM	1	0	17.87	17.59	17.82	18.8	0
5	64QAM	1	12	17.74	17.70	17.61		
5	64QAM	1	24	17.74	17.77	17.61		
5	64QAM	12	0	17.75	17.72	17.66	18.8	0
5	64QAM	12	7	17.72	17.70	17.64		
5	64QAM	12	13	17.72	17.64	17.67		
5	64QAM	25	0	17.79	17.68	17.56		
5	256QAM	1	0	17.78	17.70	17.71	18.8	0
5	256QAM	1	12	17.85	17.74	17.83		
5	256QAM	1	24	17.68	17.76	17.81		
5	256QAM	12	0	17.80	17.57	17.83	18.8	0
5	256QAM	12	7	17.62	17.88	17.80		
5	256QAM	12	13	17.70	17.61	17.79		
5	256QAM	25	0	17.73	17.72	17.70		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.59	17.70	17.56	18.8	0
3	QPSK	1	8	17.70	17.71	17.51		
3	QPSK	1	14	17.60	17.69	17.52		
3	QPSK	8	0	17.68	17.74	17.66	18.8	0
3	QPSK	8	4	17.74	17.71	17.56		
3	QPSK	8	7	17.63	17.68	17.67		
3	QPSK	15	0	17.67	17.67	17.67		
3	16QAM	1	0	17.59	17.71	17.72	18.8	0
3	16QAM	1	8	17.70	17.73	17.69		
3	16QAM	1	14	17.72	17.62	17.72		
3	16QAM	8	0	17.88	17.76	17.76	18.8	0
3	16QAM	8	4	17.86	17.70	17.67		
3	16QAM	8	7	17.71	17.77	17.73		
3	16QAM	15	0	17.78	17.73	17.65		
3	64QAM	1	0	17.78	17.76	17.79	18.8	0
3	64QAM	1	8	17.86	17.80	17.82		
3	64QAM	1	14	17.92	17.78	17.68		
3	64QAM	8	0	17.68	17.71	17.59	18.8	0
3	64QAM	8	4	17.66	17.77	17.74		
3	64QAM	8	7	17.69	17.60	17.68		
3	64QAM	15	0	17.63	17.74	17.53		
3	256QAM	1	0	17.57	17.60	17.81	18.8	0
3	256QAM	1	8	17.79	17.76	17.79		
3	256QAM	1	14	17.66	17.72	17.61		
3	256QAM	8	0	17.85	17.61	17.63	18.8	0
3	256QAM	8	4	17.86	17.69	17.58		
3	256QAM	8	7	17.77	17.77	17.56		
3	256QAM	15	0	17.81	17.65	17.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.71	17.65	17.52	18.8	0
1.4	QPSK	1	3	17.65	17.65	17.42		
1.4	QPSK	1	5	17.64	17.70	17.53		
1.4	QPSK	3	0	17.57	17.72	17.50		
1.4	QPSK	3	1	17.57	17.68	17.57		
1.4	QPSK	3	3	17.64	17.62	17.47		
1.4	QPSK	6	0	17.58	17.82	17.45	18.8	0
1.4	16QAM	1	0	17.88	17.71	17.84	18.8	0
1.4	16QAM	1	3	17.52	17.53	17.57		
1.4	16QAM	1	5	17.61	17.61	17.73		
1.4	16QAM	3	0	17.77	17.58	17.80		
1.4	16QAM	3	1	17.59	17.72	17.66		
1.4	16QAM	3	3	17.62	17.84	17.71		
1.4	16QAM	6	0	17.63	17.66	17.74	18.8	0
1.4	64QAM	1	0	17.87	17.80	17.80	18.8	0
1.4	64QAM	1	3	17.88	17.72	17.72		
1.4	64QAM	1	5	17.58	17.84	17.68		
1.4	64QAM	3	0	17.69	17.78	17.61		
1.4	64QAM	3	1	17.75	17.74	17.67		
1.4	64QAM	3	3	17.72	17.77	17.57		
1.4	64QAM	6	0	17.67	17.66	17.61	18.8	0
1.4	256QAM	1	0	17.69	17.75	17.65	18.8	0
1.4	256QAM	1	3	17.86	17.72	17.72		
1.4	256QAM	1	5	17.81	17.80	17.83		
1.4	256QAM	3	0	17.78	17.72	17.80		
1.4	256QAM	3	1	17.87	17.80	17.69		
1.4	256QAM	3	3	17.74	17.56	17.76		
1.4	256QAM	6	0	17.86	17.80	17.64	18.8	0

Band 26 for FCC_ANT 0(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	18.76	18.78	18.76	20	0
15	QPSK	1	37	18.72	18.73	18.74		
15	QPSK	1	74	18.69	18.67	18.69		
15	QPSK	36	0	18.69	18.76	18.73	20	0
15	QPSK	36	20	18.67	18.73	18.65		
15	QPSK	36	39	18.66	18.69	18.64		
15	QPSK	75	0	18.69	18.75	18.63		
15	16QAM	1	0	18.68	18.71	18.69	20	0
15	16QAM	1	37	18.63	18.67	18.73		
15	16QAM	1	74	18.68	18.67	18.65		
15	16QAM	36	0	18.70	18.71	18.70	20	0
15	16QAM	36	20	18.74	18.72	18.72		
15	16QAM	36	39	18.64	18.72	18.75		
15	16QAM	75	0	18.63	18.76	18.65		
15	64QAM	1	0	18.66	18.76	18.68	20	0
15	64QAM	1	37	18.66	18.72	18.69		
15	64QAM	1	74	18.71	18.75	18.72		
15	64QAM	36	0	18.63	18.71	18.76	20	0
15	64QAM	36	20	18.69	18.64	18.63		
15	64QAM	36	39	18.64	18.67	18.75		
15	64QAM	75	0	18.66	18.70	18.70		
15	256QAM	1	0	17.98	18.03	18.06	19	1
15	256QAM	1	37	18.02	17.97	17.95		
15	256QAM	1	74	17.97	18.00	17.98		
15	256QAM	36	0	17.80	17.89	17.82	19	1
15	256QAM	36	20	17.79	17.79	17.88		
15	256QAM	36	39	17.81	17.91	17.92		
15	256QAM	75	0	17.79	17.84	17.88		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	18.71	18.68	18.73	20	0
10	QPSK	1	25	18.65	18.69	18.62		
10	QPSK	1	49	18.59	18.58	18.63		
10	QPSK	25	0	18.56	18.63	18.57	20	0
10	QPSK	25	12	18.63	18.58	18.65		
10	QPSK	25	25	18.61	18.65	18.55		
10	QPSK	50	0	18.56	18.69	18.57		
10	16QAM	1	0	18.58	18.67	18.66	20	0
10	16QAM	1	25	18.60	18.54	18.60		
10	16QAM	1	49	18.62	18.62	18.55		
10	16QAM	25	0	18.58	18.68	18.61	20	0
10	16QAM	25	12	18.63	18.68	18.62		
10	16QAM	25	25	18.53	18.65	18.66		
10	16QAM	50	0	18.58	18.63	18.52		
10	64QAM	1	0	18.56	18.64	18.57	20	0
10	64QAM	1	25	18.59	18.60	18.59		
10	64QAM	1	49	18.59	18.68	18.64		
10	64QAM	25	0	18.54	18.60	18.66	20	0
10	64QAM	25	12	18.62	18.56	18.59		
10	64QAM	25	25	18.61	18.63	18.67		
10	64QAM	50	0	18.63	18.66	18.57		
10	256QAM	1	0	17.85	17.93	17.99	19	1
10	256QAM	1	25	17.92	17.89	17.89		
10	256QAM	1	49	17.86	17.87	17.95		
10	256QAM	25	0	17.77	17.82	17.72	19	1
10	256QAM	25	12	17.76	17.75	17.77		
10	256QAM	25	25	17.68	17.81	17.85		
10	256QAM	50	0	17.76	17.78	17.85		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	18.63	18.69	18.68	20	0
5	QPSK	1	12	18.63	18.62	18.68		
5	QPSK	1	24	18.63	18.58	18.64		
5	QPSK	12	0	18.54	18.73	18.53	20	0
5	QPSK	12	7	18.54	18.51	18.68		
5	QPSK	12	13	18.57	18.68	18.51		
5	QPSK	25	0	18.58	18.70	18.55		
5	16QAM	1	0	18.60	18.60	18.57	20	0
5	16QAM	1	12	18.54	18.59	18.61		
5	16QAM	1	24	18.59	18.63	18.58		
5	16QAM	12	0	18.58	18.64	18.63	20	0
5	16QAM	12	7	18.62	18.68	18.64		
5	16QAM	12	13	18.61	18.63	18.68		
5	16QAM	25	0	18.54	18.67	18.55		
5	64QAM	1	0	18.62	18.73	18.65	20	0
5	64QAM	1	12	18.62	18.62	18.62		
5	64QAM	1	24	18.64	18.66	18.62		
5	64QAM	12	0	18.57	18.60	18.65	20	0
5	64QAM	12	7	18.62	18.52	18.56		
5	64QAM	12	13	18.55	18.60	18.65		
5	64QAM	25	0	18.54	18.60	18.57		
5	256QAM	1	0	17.89	18.00	18.00	19	1
5	256QAM	1	12	17.97	17.92	17.82		
5	256QAM	1	24	17.87	17.87	17.92		
5	256QAM	12	0	17.72	17.84	17.79	19	1
5	256QAM	12	7	17.71	17.68	17.82		
5	256QAM	12	13	17.71	17.87	17.81		
5	256QAM	25	0	17.68	17.80	17.76		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	18.65	18.75	18.67	20	0
3	QPSK	1	8	18.55	18.60	18.70		
3	QPSK	1	14	18.67	18.58	18.59		
3	QPSK	8	0	18.52	18.67	18.59	20	0
3	QPSK	8	4	18.57	18.51	18.62		
3	QPSK	8	7	18.64	18.64	18.56		
3	QPSK	15	0	18.57	18.65	18.54		
3	16QAM	1	0	18.56	18.58	18.62	20	0
3	16QAM	1	8	18.53	18.55	18.68		
3	16QAM	1	14	18.56	18.55	18.52		
3	16QAM	8	0	18.63	18.68	18.62	20	0
3	16QAM	8	4	18.69	18.68	18.61		
3	16QAM	8	7	18.59	18.68	18.65		
3	16QAM	15	0	18.52	18.73	18.60		
3	64QAM	1	0	18.56	18.67	18.62	20	0
3	64QAM	1	8	18.57	18.61	18.63		
3	64QAM	1	14	18.66	18.72	18.65		
3	64QAM	8	0	18.57	18.66	18.70	20	0
3	64QAM	8	4	18.63	18.54	18.57		
3	64QAM	8	7	18.57	18.60	18.64		
3	64QAM	15	0	18.55	18.58	18.61		
3	256QAM	1	0	17.88	17.91	18.01	19	1
3	256QAM	1	8	17.91	17.92	17.91		
3	256QAM	1	14	17.94	17.88	17.86		
3	256QAM	8	0	17.75	17.81	17.79	19	1
3	256QAM	8	4	17.76	17.75	17.76		
3	256QAM	8	7	17.75	17.87	17.79		
3	256QAM	15	0	17.68	17.75	17.75		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	18.68	18.67	18.66	20	0
1.4	QPSK	1	3	18.62	18.60	18.63		
1.4	QPSK	1	5	18.59	18.56	18.58		
1.4	QPSK	3	0	18.53	18.64	18.56		
1.4	QPSK	3	1	18.60	18.51	18.61		
1.4	QPSK	3	3	18.61	18.60	18.51		
1.4	QPSK	6	0	18.56	18.63	18.57	20	0
1.4	16QAM	1	0	18.65	18.60	18.56	20	0
1.4	16QAM	1	3	18.59	18.64	18.60		
1.4	16QAM	1	5	18.57	18.58	18.52		
1.4	16QAM	3	0	18.60	18.68	18.58		
1.4	16QAM	3	1	18.69	18.64	18.66		
1.4	16QAM	3	3	18.57	18.67	18.62		
1.4	16QAM	6	0	18.55	18.67	18.57	20	0
1.4	64QAM	1	0	18.60	18.69	18.57	20	0
1.4	64QAM	1	3	18.62	18.67	18.61		
1.4	64QAM	1	5	18.63	18.68	18.68		
1.4	64QAM	3	0	18.59	18.65	18.64		
1.4	64QAM	3	1	18.56	18.59	18.51		
1.4	64QAM	3	3	18.51	18.64	18.70		
1.4	64QAM	6	0	18.59	18.65	18.57	20	0
1.4	256QAM	1	0	17.86	17.98	18.01	19	1
1.4	256QAM	1	3	17.92	17.93	17.91		
1.4	256QAM	1	5	17.90	17.88	17.88		
1.4	256QAM	3	0	17.84	17.98	17.84		
1.4	256QAM	3	1	17.90	17.88	17.91		
1.4	256QAM	3	3	17.97	17.84	17.90		
1.4	256QAM	6	0	17.67	17.79	17.78	19	1

Band 30_ANT 2(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.25		21	0
10	QPSK	1	25		19.97			
10	QPSK	1	49		20.03			
10	QPSK	25	0		20.18		21	0
10	QPSK	25	12		19.96			
10	QPSK	25	25		19.97			
10	QPSK	50	0		20.05			
10	16QAM	1	0		20.18		21	0
10	16QAM	1	25		20.14			
10	16QAM	1	49		20.15			
10	16QAM	25	0		20.05		21	0
10	16QAM	25	12		19.94			
10	16QAM	25	25		19.99			
10	16QAM	50	0		19.97			
10	64QAM	1	0		20.13		21	0
10	64QAM	1	25		20.11			
10	64QAM	1	49		19.91			
10	64QAM	25	0		19.96		21	0
10	64QAM	25	12		19.99			
10	64QAM	25	25		19.99			
10	64QAM	50	0		19.93			
10	256QAM	1	0		18.54		19.8	1.2
10	256QAM	1	25		18.77			
10	256QAM	1	49		18.53			
10	256QAM	25	0		18.49		19.8	1.2
10	256QAM	25	12		18.52			
10	256QAM	25	25		18.54			
10	256QAM	50	0		18.47			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.69	19.97	20.04	21	0
5	QPSK	1	12	19.83	19.87	19.77		
5	QPSK	1	24	19.88	19.85	19.73		
5	QPSK	12	0	19.85	19.92	19.93	21	0
5	QPSK	12	7	19.92	19.92	20.05		
5	QPSK	12	13	19.84	19.92	20.00		
5	QPSK	25	0	19.89	19.74	19.82		
5	16QAM	1	0	19.75	19.74	19.87	21	0
5	16QAM	1	12	19.87	19.83	19.67		
5	16QAM	1	24	19.87	19.73	19.68		
5	16QAM	12	0	19.91	19.81	19.95	21	0
5	16QAM	12	7	19.87	19.89	19.80		
5	16QAM	12	13	19.90	19.92	19.91		
5	16QAM	25	0	19.81	20.00	19.99		
5	64QAM	1	0	19.88	20.01	19.85	21	0
5	64QAM	1	12	19.75	19.83	20.01		
5	64QAM	1	24	19.94	19.72	19.79		
5	64QAM	12	0	19.86	19.85	19.93	21	0
5	64QAM	12	7	19.82	19.90	19.71		
5	64QAM	12	13	19.87	19.87	19.86		
5	64QAM	25	0	19.94	19.77	19.98		
5	256QAM	1	0	18.90	18.96	18.92	19.8	1.2
5	256QAM	1	12	18.95	18.96	18.92		
5	256QAM	1	24	18.94	18.86	18.90		
5	256QAM	12	0	18.90	18.91	18.91	19.8	1.2
5	256QAM	12	7	18.80	18.88	18.85		
5	256QAM	12	13	18.86	18.88	18.84		
5	256QAM	25	0	18.84	18.91	18.88		

Band 66_ANT 2(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.15	19.26	19.21	19.8	0
20	QPSK	1	49	19.10	19.03	19.19		
20	QPSK	1	99	19.02	18.95	19.00		
20	QPSK	50	0	19.10	19.17	19.00	19.8	0
20	QPSK	50	24	18.96	19.16	18.94		
20	QPSK	50	50	18.89	19.07	18.87		
20	QPSK	100	0	18.94	19.10	18.89		
20	16QAM	1	0	19.03	19.11	18.98	19.8	0
20	16QAM	1	49	18.90	19.11	18.79		
20	16QAM	1	99	19.11	19.13	19.15		
20	16QAM	50	0	18.98	19.19	19.05	19.8	0
20	16QAM	50	24	19.09	19.13	18.99		
20	16QAM	50	50	19.08	19.13	18.96		
20	16QAM	100	0	19.02	19.16	18.96		
20	64QAM	1	0	19.15	19.17	18.95	19.8	0
20	64QAM	1	49	19.13	19.19	19.10		
20	64QAM	1	99	19.18	19.13	18.93		
20	64QAM	50	0	18.93	19.08	19.05	19.8	0
20	64QAM	50	24	19.10	19.12	18.96		
20	64QAM	50	50	18.98	19.08	18.89		
20	64QAM	100	0	19.07	18.97	18.97		
20	256QAM	1	0	18.99	19.09	19.05	19.8	0
20	256QAM	1	49	18.65	19.11	18.92		
20	256QAM	1	99	18.96	18.84	18.84		
20	256QAM	50	0	18.83	18.85	18.84	19.8	0
20	256QAM	50	24	18.86	18.91	18.86		
20	256QAM	50	50	18.94	18.91	18.76		
20	256QAM	100	0	18.95	18.87	18.84		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.03	18.85	18.69	19.8	0
15	QPSK	1	37	18.83	18.94	18.86		
15	QPSK	1	74	18.94	18.88	18.76		
15	QPSK	36	0	18.95	18.93	18.96	19.8	0
15	QPSK	36	20	19.11	18.75	18.93		
15	QPSK	36	39	19.00	18.88	18.87		
15	QPSK	75	0	18.86	18.81	18.95		
15	16QAM	1	0	18.84	18.85	18.93	19.8	0
15	16QAM	1	37	18.79	18.93	18.82		
15	16QAM	1	74	18.75	18.83	18.89		
15	16QAM	36	0	18.92	18.85	18.88	19.8	0
15	16QAM	36	20	18.86	18.86	18.92		
15	16QAM	36	39	18.83	18.79	18.84		
15	16QAM	75	0	18.89	18.93	18.99		
15	64QAM	1	0	18.78	18.79	18.86	19.8	0
15	64QAM	1	37	18.90	18.90	18.82		
15	64QAM	1	74	18.84	18.90	18.72		
15	64QAM	36	0	18.90	18.85	18.96	19.8	0
15	64QAM	36	20	18.92	18.82	18.85		
15	64QAM	36	39	18.85	18.85	18.88		
15	64QAM	75	0	18.80	18.75	18.99		
15	256QAM	1	0	18.92	18.94	18.89	19.8	0
15	256QAM	1	37	18.91	19.00	18.92		
15	256QAM	1	74	18.98	18.96	18.91		
15	256QAM	36	0	18.94	18.94	18.97	19.8	0
15	256QAM	36	20	18.96	18.92	18.85		
15	256QAM	36	39	18.99	18.97	18.89		
15	256QAM	75	0	18.89	18.91	18.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.97	18.77	18.69	19.8	0
10	QPSK	1	25	18.96	18.95	18.79		
10	QPSK	1	49	18.90	18.78	18.67		
10	QPSK	25	0	18.99	18.75	18.93	19.8	0
10	QPSK	25	12	19.02	18.81	18.95		
10	QPSK	25	25	18.91	18.93	18.97		
10	QPSK	50	0	18.83	18.83	18.91		
10	16QAM	1	0	18.87	18.80	18.92	19.8	0
10	16QAM	1	25	18.79	18.97	18.90		
10	16QAM	1	49	18.90	18.80	18.81		
10	16QAM	25	0	18.94	18.92	18.74	19.8	0
10	16QAM	25	12	18.85	18.90	18.91		
10	16QAM	25	25	18.98	18.90	18.92		
10	16QAM	50	0	18.78	18.76	18.89		
10	64QAM	1	0	18.78	18.84	18.77	19.8	0
10	64QAM	1	25	18.88	18.76	18.95		
10	64QAM	1	49	18.83	18.86	18.73		
10	64QAM	25	0	19.06	18.81	18.83	19.8	0
10	64QAM	25	12	18.76	18.79	18.87		
10	64QAM	25	25	18.77	18.79	18.99		
10	64QAM	50	0	18.87	18.73	18.86		
10	256QAM	1	0	18.90	18.95	18.95	19.8	0
10	256QAM	1	25	18.89	19.00	18.90		
10	256QAM	1	49	18.95	18.96	18.94		
10	256QAM	25	0	18.96	18.89	18.97	19.8	0
10	256QAM	25	12	18.99	18.97	18.82		
10	256QAM	25	25	18.98	18.99	18.89		
10	256QAM	50	0	18.89	18.92	18.97		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.91	18.92	18.80	19.8	0
5	QPSK	1	12	18.97	18.91	18.81		
5	QPSK	1	24	18.80	18.85	18.67		
5	QPSK	12	0	19.10	18.85	18.94	19.8	0
5	QPSK	12	7	19.02	18.82	19.01		
5	QPSK	12	13	18.91	18.85	18.88		
5	QPSK	25	0	18.90	18.83	18.89		
5	16QAM	1	0	18.90	18.92	18.80	19.8	0
5	16QAM	1	12	18.88	18.97	18.89		
5	16QAM	1	24	18.87	18.81	18.89		
5	16QAM	12	0	18.96	18.80	18.75	19.8	0
5	16QAM	12	7	18.89	18.95	18.94		
5	16QAM	12	13	18.94	18.92	18.78		
5	16QAM	25	0	18.73	18.90	18.86		
5	64QAM	1	0	18.87	18.82	18.90	19.8	0
5	64QAM	1	12	18.88	18.81	18.79		
5	64QAM	1	24	18.96	18.89	18.74		
5	64QAM	12	0	18.92	18.93	18.94	19.8	0
5	64QAM	12	7	18.88	18.87	18.88		
5	64QAM	12	13	18.89	18.81	18.96		
5	64QAM	25	0	18.91	18.72	18.88		
5	256QAM	1	0	18.97	18.94	18.94	19.8	0
5	256QAM	1	12	18.88	18.98	18.98		
5	256QAM	1	24	19.02	18.94	18.94		
5	256QAM	12	0	18.96	18.88	18.90	19.8	0
5	256QAM	12	7	18.99	18.96	18.82		
5	256QAM	12	13	18.98	18.95	18.85		
5	256QAM	25	0	18.89	18.94	19.02		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.86	18.86	18.66	19.8	0
3	QPSK	1	8	18.95	18.83	18.71		
3	QPSK	1	14	18.89	18.84	18.81		
3	QPSK	8	0	19.11	18.78	18.88	19.8	0
3	QPSK	8	4	18.94	18.78	19.03		
3	QPSK	8	7	19.03	18.95	18.95		
3	QPSK	15	0	18.80	18.82	18.92		
3	16QAM	1	0	18.86	18.79	18.93	19.8	0
3	16QAM	1	8	18.88	18.96	18.92		
3	16QAM	1	14	18.89	18.91	18.95		
3	16QAM	8	0	18.90	18.75	18.80	19.8	0
3	16QAM	8	4	18.88	18.85	19.02		
3	16QAM	8	7	18.91	18.81	18.76		
3	16QAM	15	0	18.88	18.76	18.99		
3	64QAM	1	0	18.89	18.75	18.78	19.8	0
3	64QAM	1	8	18.96	18.87	18.91		
3	64QAM	1	14	18.89	18.88	18.81		
3	64QAM	8	0	18.94	18.82	18.97	19.8	0
3	64QAM	8	4	18.77	18.92	18.79		
3	64QAM	8	7	18.90	18.80	18.90		
3	64QAM	15	0	18.89	18.85	18.98		
3	256QAM	1	0	18.96	18.98	18.95	19.8	0
3	256QAM	1	8	18.91	18.95	18.92		
3	256QAM	1	14	18.97	18.96	18.88		
3	256QAM	8	0	18.96	18.91	18.96	19.8	0
3	256QAM	8	4	18.95	18.93	18.84		
3	256QAM	8	7	19.02	18.96	18.81		
3	256QAM	15	0	18.87	18.93	18.96		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.97	18.79	18.76	19.8	0
1.4	QPSK	1	3	18.84	18.87	18.88		
1.4	QPSK	1	5	18.84	18.84	18.78		
1.4	QPSK	3	0	19.10	18.84	18.85		
1.4	QPSK	3	1	19.08	18.88	19.04		
1.4	QPSK	3	3	19.09	18.90	18.88		
1.4	QPSK	6	0	18.86	18.94	18.95	19.8	0
1.4	16QAM	1	0	18.85	18.82	18.85	19.8	0
1.4	16QAM	1	3	18.76	18.85	18.92		
1.4	16QAM	1	5	18.92	18.94	18.80		
1.4	16QAM	3	0	19.05	18.87	18.87		
1.4	16QAM	3	1	18.74	18.79	18.88		
1.4	16QAM	3	3	18.87	18.87	18.88		
1.4	16QAM	6	0	18.85	18.76	18.86	19.8	0
1.4	64QAM	1	0	18.72	18.73	18.89	19.8	0
1.4	64QAM	1	3	18.94	18.85	18.91		
1.4	64QAM	1	5	18.85	18.78	18.85		
1.4	64QAM	3	0	18.94	18.87	18.86		
1.4	64QAM	3	1	18.88	18.79	18.86		
1.4	64QAM	3	3	18.75	18.92	18.99		
1.4	64QAM	6	0	18.84	18.84	19.01	19.8	0
1.4	256QAM	1	0	18.96	18.98	18.94	19.8	0
1.4	256QAM	1	3	18.96	19.00	18.91		
1.4	256QAM	1	5	19.01	18.95	18.92		
1.4	256QAM	3	0	18.95	18.90	18.92		
1.4	256QAM	3	1	19.02	18.96	18.84		
1.4	256QAM	3	3	19.05	18.95	18.82		
1.4	256QAM	6	0	18.89	18.89	18.96	19.8	0

Band 66_ANT 5(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.05	15.10	15.05	15.8	0
20	QPSK	1	49	15.02	14.99	15.03		
20	QPSK	1	99	15.01	15.02	15.02		
20	QPSK	50	0	15.00	15.04	15.03	15.8	0
20	QPSK	50	24	14.97	15.03	15.02		
20	QPSK	50	50	14.97	15.01	14.98		
20	QPSK	100	0	14.96	15.00	14.98		
20	16QAM	1	0	15.01	15.00	14.97	15.8	0
20	16QAM	1	49	15.00	15.03	14.97		
20	16QAM	1	99	15.00	15.05	14.95		
20	16QAM	50	0	15.07	14.96	15.08	15.8	0
20	16QAM	50	24	15.06	15.00	15.01		
20	16QAM	50	50	14.96	15.00	15.02		
20	16QAM	100	0	15.07	14.97	15.00		
20	64QAM	1	0	15.06	14.95	15.06	15.8	0
20	64QAM	1	49	14.95	14.97	14.98		
20	64QAM	1	99	14.95	14.97	15.00		
20	64QAM	50	0	15.07	15.03	14.97	15.8	0
20	64QAM	50	24	15.03	14.96	15.00		
20	64QAM	50	50	15.00	15.05	15.08		
20	64QAM	100	0	15.06	15.00	15.02		
20	256QAM	1	0	15.01	15.06	14.98	15.8	0
20	256QAM	1	49	15.05	15.06	14.95		
20	256QAM	1	99	15.08	14.98	14.97		
20	256QAM	50	0	15.08	15.04	14.97	15.8	0
20	256QAM	50	24	15.00	15.01	15.00		
20	256QAM	50	50	15.08	15.05	14.98		
20	256QAM	100	0	15.04	15.04	15.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.01	15.07	14.96	15.8	0
15	QPSK	1	37	14.95	14.88	14.92		
15	QPSK	1	74	14.90	14.89	14.89		
15	QPSK	36	0	14.95	14.91	14.90	15.8	0
15	QPSK	36	20	14.87	14.92	14.90		
15	QPSK	36	39	14.86	14.96	14.89		
15	QPSK	75	0	14.81	14.91	14.82		
15	16QAM	1	0	14.92	14.97	14.90	15.8	0
15	16QAM	1	37	14.93	14.92	14.86		
15	16QAM	1	74	14.89	14.93	14.90		
15	16QAM	36	0	14.95	14.90	14.97	15.8	0
15	16QAM	36	20	14.99	14.94	14.89		
15	16QAM	36	39	14.87	14.97	14.93		
15	16QAM	75	0	15.01	14.90	14.87		
15	64QAM	1	0	14.98	14.90	15.00	15.8	0
15	64QAM	1	37	14.84	14.84	14.91		
15	64QAM	1	74	14.84	14.91	14.87		
15	64QAM	36	0	15.04	14.93	14.85	15.8	0
15	64QAM	36	20	14.98	14.86	14.95		
15	64QAM	36	39	14.92	14.93	15.03		
15	64QAM	75	0	15.00	14.88	14.90		
15	256QAM	1	0	14.98	14.95	14.93	15.8	0
15	256QAM	1	37	14.99	15.01	14.90		
15	256QAM	1	74	15.04	14.89	14.88		
15	256QAM	36	0	14.97	14.97	14.90	15.8	0
15	256QAM	36	20	14.95	14.92	14.96		
15	256QAM	36	39	15.00	14.95	14.95		
15	256QAM	75	0	14.98	14.97	14.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.00	15.03	14.96	15.8	0
10	QPSK	1	25	14.90	14.96	14.96		
10	QPSK	1	49	14.95	14.93	14.90		
10	QPSK	25	0	14.88	14.94	14.97	15.8	0
10	QPSK	25	12	14.89	14.92	14.96		
10	QPSK	25	25	14.86	14.90	14.94		
10	QPSK	50	0	14.85	14.85	14.80		
10	16QAM	1	0	14.94	14.96	14.91	15.8	0
10	16QAM	1	25	14.87	14.92	14.84		
10	16QAM	1	49	14.87	14.93	14.90		
10	16QAM	25	0	15.00	14.88	14.96	15.8	0
10	16QAM	25	12	15.01	14.94	14.91		
10	16QAM	25	25	14.88	14.88	14.90		
10	16QAM	50	0	14.97	14.91	14.94		
10	64QAM	1	0	14.99	14.92	14.99	15.8	0
10	64QAM	1	25	14.83	14.88	14.95		
10	64QAM	1	49	14.91	14.87	14.94		
10	64QAM	25	0	14.94	14.90	14.84	15.8	0
10	64QAM	25	12	14.98	14.93	14.95		
10	64QAM	25	25	14.91	15.02	15.01		
10	64QAM	50	0	15.02	14.95	14.93		
10	256QAM	1	0	14.88	14.97	14.94	15.8	0
10	256QAM	1	25	14.99	15.00	14.87		
10	256QAM	1	49	15.00	14.90	14.94		
10	256QAM	25	0	15.04	14.94	14.91	15.8	0
10	256QAM	25	12	14.94	14.91	14.88		
10	256QAM	25	25	15.03	14.95	14.92		
10	256QAM	50	0	14.94	14.94	15.01		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.00	15.03	14.95	15.8	0
5	QPSK	1	12	14.98	14.89	14.92		
5	QPSK	1	24	14.96	14.99	14.98		
5	QPSK	12	0	14.93	14.94	14.93	15.8	0
5	QPSK	12	7	14.90	14.90	14.92		
5	QPSK	12	13	14.86	14.88	14.91		
5	QPSK	25	0	14.86	14.87	14.79		
5	16QAM	1	0	14.88	14.92	14.91	15.8	0
5	16QAM	1	12	14.97	14.91	14.88		
5	16QAM	1	24	14.87	15.00	14.86		
5	16QAM	12	0	14.94	14.90	14.97	15.8	0
5	16QAM	12	7	14.97	14.92	14.92		
5	16QAM	12	13	14.83	14.94	14.90		
5	16QAM	25	0	15.02	14.91	14.88		
5	64QAM	1	0	14.93	14.88	15.02	15.8	0
5	64QAM	1	12	14.89	14.87	14.92		
5	64QAM	1	24	14.91	14.90	14.95		
5	64QAM	12	0	15.02	14.98	14.89	15.8	0
5	64QAM	12	7	14.94	14.90	14.89		
5	64QAM	12	13	14.91	14.93	15.03		
5	64QAM	25	0	14.97	14.96	14.96		
5	256QAM	1	0	14.92	15.02	14.88	15.8	0
5	256QAM	1	12	15.01	15.01	14.91		
5	256QAM	1	24	14.97	14.90	14.87		
5	256QAM	12	0	14.98	14.91	14.85	15.8	0
5	256QAM	12	7	14.97	14.97	14.88		
5	256QAM	12	13	15.02	14.95	14.88		
5	256QAM	25	0	14.96	14.98	15.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.02	15.04	14.96	15.8	0
3	QPSK	1	8	14.90	14.86	14.98		
3	QPSK	1	14	14.88	14.93	14.93		
3	QPSK	8	0	14.88	15.00	14.96	15.8	0
3	QPSK	8	4	14.90	14.97	14.92		
3	QPSK	8	7	14.90	14.96	14.86		
3	QPSK	15	0	14.87	14.93	14.79		
3	16QAM	1	0	14.89	14.87	14.91	15.8	0
3	16QAM	1	8	14.89	14.97	14.90		
3	16QAM	1	14	14.87	14.92	14.91		
3	16QAM	8	0	15.02	14.88	14.97	15.8	0
3	16QAM	8	4	14.97	14.94	14.93		
3	16QAM	8	7	14.83	14.92	14.90		
3	16QAM	15	0	14.95	14.89	14.93		
3	64QAM	1	0	14.98	14.90	14.94	15.8	0
3	64QAM	1	8	14.90	14.94	14.85		
3	64QAM	1	14	14.82	14.89	14.94		
3	64QAM	8	0	15.00	14.93	14.86	15.8	0
3	64QAM	8	4	14.92	14.93	14.90		
3	64QAM	8	7	14.95	15.00	15.02		
3	64QAM	15	0	14.98	14.87	14.90		
3	256QAM	1	0	14.89	15.02	14.90	15.8	0
3	256QAM	1	8	14.98	15.00	14.87		
3	256QAM	1	14	15.02	14.94	14.88		
3	256QAM	8	0	14.99	15.01	14.90	15.8	0
3	256QAM	8	4	14.90	14.92	14.89		
3	256QAM	8	7	14.95	15.02	14.86		
3	256QAM	15	0	14.94	15.01	14.98		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.99	15.07	15.00	15.8	0
1.4	QPSK	1	3	14.89	14.86	14.98		
1.4	QPSK	1	5	14.95	14.97	14.90		
1.4	QPSK	3	0	14.94	14.93	14.92		
1.4	QPSK	3	1	14.84	14.98	14.91		
1.4	QPSK	3	3	14.87	14.90	14.95		
1.4	QPSK	6	0	14.86	14.85	14.79	15.8	0
1.4	16QAM	1	0	14.93	14.94	14.85	15.8	0
1.4	16QAM	1	3	14.92	14.95	14.91		
1.4	16QAM	1	5	14.96	14.98	14.87		
1.4	16QAM	3	0	15.02	14.92	15.05		
1.4	16QAM	3	1	14.98	14.91	14.97		
1.4	16QAM	3	3	14.87	14.87	14.89		
1.4	16QAM	6	0	15.03	14.92	14.94	15.8	0
1.4	64QAM	1	0	14.99	14.84	14.96	15.8	0
1.4	64QAM	1	3	14.84	14.86	14.85		
1.4	64QAM	1	5	14.89	14.86	14.95		
1.4	64QAM	3	0	14.94	14.90	14.92		
1.4	64QAM	3	1	14.95	14.84	14.97		
1.4	64QAM	3	3	14.90	14.99	14.99		
1.4	64QAM	6	0	14.93	14.97	14.91	15.8	0
1.4	256QAM	1	0	14.88	14.97	14.87	15.8	0
1.4	256QAM	1	3	14.92	14.96	14.84		
1.4	256QAM	1	5	15.02	14.90	14.87		
1.4	256QAM	3	0	14.99	15.01	14.86		
1.4	256QAM	3	1	14.89	14.89	14.93		
1.4	256QAM	3	3	14.95	14.98	14.91		
1.4	256QAM	6	0	15.00	14.92	14.91	15.8	0

Band 71_ANT 0(DSI15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	18.87	18.94	18.91	20	0
20	QPSK	1	49	18.82	18.89	18.87		
20	QPSK	1	99	18.79	18.85	18.80		
20	QPSK	50	0	18.90	18.92	18.90	20	0
20	QPSK	50	24	18.85	18.85	18.86		
20	QPSK	50	50	18.80	18.83	18.82		
20	QPSK	100	0	18.79	18.90	18.81		
20	16QAM	1	0	18.85	18.83	18.85	20	0
20	16QAM	1	49	18.81	18.88	18.81		
20	16QAM	1	99	18.83	18.86	18.88		
20	16QAM	50	0	18.91	18.83	18.79	20	0
20	16QAM	50	24	18.80	18.88	18.82		
20	16QAM	50	50	18.88	18.87	18.82		
20	16QAM	100	0	18.85	18.84	18.79		
20	64QAM	1	0	18.83	18.89	18.85	20	0
20	64QAM	1	49	18.84	18.80	18.79		
20	64QAM	1	99	18.81	18.84	18.82		
20	64QAM	50	0	18.86	18.92	18.88	20	0
20	64QAM	50	24	18.87	18.84	18.87		
20	64QAM	50	50	18.89	18.83	18.84		
20	64QAM	100	0	18.82	18.86	18.90		
20	256QAM	1	0	18.06	18.10	18.04	19	1
20	256QAM	1	49	18.08	18.03	18.08		
20	256QAM	1	99	18.10	18.09	18.03		
20	256QAM	50	0	17.85	17.94	17.87	19	1
20	256QAM	50	24	17.94	17.91	17.97		
20	256QAM	50	50	17.91	17.86	17.96		
20	256QAM	100	0	17.98	17.87	17.93		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	18.76	18.87	18.83	20	0
15	QPSK	1	37	18.83	18.70	18.82		
15	QPSK	1	74	18.75	18.81	18.77		
15	QPSK	36	0	18.71	18.83	18.74	20	0
15	QPSK	36	20	18.84	18.82	18.87		
15	QPSK	36	39	18.70	18.76	18.76		
15	QPSK	75	0	18.73	18.78	18.79		
15	16QAM	1	0	18.79	18.74	18.72	20	0
15	16QAM	1	37	18.69	18.78	18.78		
15	16QAM	1	74	18.73	18.77	18.83		
15	16QAM	36	0	18.82	18.75	18.75	20	0
15	16QAM	36	20	18.71	18.79	18.73		
15	16QAM	36	39	18.77	18.75	18.69		
15	16QAM	75	0	18.76	18.71	18.66		
15	64QAM	1	0	18.75	18.84	18.73	20	0
15	64QAM	1	37	18.73	18.71	18.66		
15	64QAM	1	74	18.74	18.77	18.77		
15	64QAM	36	0	18.78	18.83	18.77	20	0
15	64QAM	36	20	18.81	18.78	18.76		
15	64QAM	36	39	18.81	18.79	18.77		
15	64QAM	75	0	18.74	18.81	18.83		
15	256QAM	1	0	17.98	18.06	17.97	19	1
15	256QAM	1	37	18.02	17.96	18.05		
15	256QAM	1	74	18.06	17.98	17.98		
15	256QAM	36	0	17.73	17.88	17.79	19	1
15	256QAM	36	20	17.81	17.79	17.94		
15	256QAM	36	39	17.85	17.81	17.92		
15	256QAM	75	0	17.94	17.79	17.80		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	18.71	18.86	18.84	20	0
10	QPSK	1	25	18.82	18.75	18.75		
10	QPSK	1	49	18.75	18.77	18.71		
10	QPSK	25	0	18.73	18.82	18.83	20	0
10	QPSK	25	12	18.79	18.81	18.86		
10	QPSK	25	25	18.72	18.80	18.73		
10	QPSK	50	0	18.75	18.80	18.82		
10	16QAM	1	0	18.73	18.77	18.82	20	0
10	16QAM	1	25	18.77	18.75	18.73		
10	16QAM	1	49	18.75	18.81	18.81		
10	16QAM	25	0	18.88	18.77	18.76	20	0
10	16QAM	25	12	18.70	18.77	18.71		
10	16QAM	25	25	18.84	18.82	18.70		
10	16QAM	50	0	18.82	18.73	18.67		
10	64QAM	1	0	18.79	18.85	18.74	20	0
10	64QAM	1	25	18.73	18.68	18.67		
10	64QAM	1	49	18.76	18.75	18.76		
10	64QAM	25	0	18.77	18.81	18.75	20	0
10	64QAM	25	12	18.75	18.78	18.76		
10	64QAM	25	25	18.77	18.70	18.81		
10	64QAM	50	0	18.74	18.80	18.77		
10	256QAM	1	0	18.02	17.97	17.99	19	1
10	256QAM	1	25	17.99	17.97	18.04		
10	256QAM	1	49	17.97	17.99	17.96		
10	256QAM	25	0	17.75	17.83	17.74	19	1
10	256QAM	25	12	17.84	17.78	17.93		
10	256QAM	25	25	17.87	17.77	17.89		
10	256QAM	50	0	17.92	17.80	17.85		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	18.68	18.87	18.86	20	0
5	QPSK	1	12	18.82	18.76	18.82		
5	QPSK	1	24	18.66	18.76	18.70		
5	QPSK	12	0	18.75	18.87	18.75	20	0
5	QPSK	12	7	18.77	18.78	18.83		
5	QPSK	12	13	18.73	18.70	18.69		
5	QPSK	25	0	18.73	18.85	18.77		
5	16QAM	1	0	18.81	18.73	18.82	20	0
5	16QAM	1	12	18.74	18.77	18.74		
5	16QAM	1	24	18.79	18.77	18.83		
5	16QAM	12	0	18.83	18.72	18.73	20	0
5	16QAM	12	7	18.72	18.81	18.69		
5	16QAM	12	13	18.77	18.77	18.69		
5	16QAM	25	0	18.77	18.73	18.67		
5	64QAM	1	0	18.80	18.77	18.76	20	0
5	64QAM	1	12	18.72	18.71	18.70		
5	64QAM	1	24	18.69	18.76	18.75		
5	64QAM	12	0	18.78	18.82	18.79	20	0
5	64QAM	12	7	18.81	18.74	18.80		
5	64QAM	12	13	18.85	18.70	18.76		
5	64QAM	25	0	18.79	18.78	18.87		
5	256QAM	1	0	17.98	17.98	17.96	19	1
5	256QAM	1	12	17.95	17.90	18.04		
5	256QAM	1	24	18.02	17.98	17.94		
5	256QAM	12	0	17.79	17.90	17.78	19	1
5	256QAM	12	7	17.81	17.79	17.86		
5	256QAM	12	13	17.78	17.74	17.92		
5	256QAM	25	0	17.89	17.80	17.88		

Band 2_ANT 2(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.02	22.15	22.01	22.8	0
20	QPSK	1	49	21.75	22.12	21.73		
20	QPSK	1	99	21.71	21.74	21.72		
20	QPSK	50	0	21.94	21.97	21.96	22.8	0
20	QPSK	50	24	21.83	21.92	21.89		
20	QPSK	50	50	21.83	21.95	21.87		
20	QPSK	100	0	21.81	21.88	21.93		
20	16QAM	1	0	21.87	22.04	22.09	22.8	0
20	16QAM	1	49	21.82	22.06	22.01		
20	16QAM	1	99	21.59	22.05	22.09		
20	16QAM	50	0	21.79	21.85	21.73	22.8	0
20	16QAM	50	24	21.78	21.81	21.86		
20	16QAM	50	50	21.82	21.72	21.83		
20	16QAM	100	0	21.83	21.80	21.80		
20	64QAM	1	0	21.69	21.96	21.89	22.8	0
20	64QAM	1	49	21.88	21.84	22.03		
20	64QAM	1	99	22.00	22.08	22.02		
20	64QAM	50	0	21.00	20.92	20.86	21.8	1
20	64QAM	50	24	21.12	20.86	20.87		
20	64QAM	50	50	20.97	20.69	20.92		
20	64QAM	100	0	21.02	20.92	21.03		
20	256QAM	1	0	19.29	19.45	19.47	19.8	3
20	256QAM	1	49	19.25	19.49	19.48		
20	256QAM	1	99	19.31	19.31	19.23		
20	256QAM	50	0	19.26	19.28	19.36	19.8	3
20	256QAM	50	24	19.36	19.33	19.44		
20	256QAM	50	50	19.35	19.40	19.43		
20	256QAM	100	0	19.23	19.34	19.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.99	22.02	21.96	22.8	0
15	QPSK	1	37	21.67	21.93	21.67		
15	QPSK	1	74	21.69	21.57	21.59		
15	QPSK	36	0	21.89	21.82	21.92	22.8	0
15	QPSK	36	20	21.81	21.83	21.83		
15	QPSK	36	39	21.74	21.77	21.85		
15	QPSK	75	0	21.64	21.79	21.78		
15	16QAM	1	0	21.70	21.82	22.00	22.8	0
15	16QAM	1	37	21.72	21.85	21.92		
15	16QAM	1	74	21.54	22.01	21.89		
15	16QAM	36	0	21.65	21.82	21.64	22.8	0
15	16QAM	36	20	21.65	21.66	21.67		
15	16QAM	36	39	21.69	21.67	21.79		
15	16QAM	75	0	21.66	21.66	21.73		
15	64QAM	1	0	21.63	21.90	21.71	22.8	0
15	64QAM	1	37	21.78	21.75	21.87		
15	64QAM	1	74	21.92	22.00	22.01		
15	64QAM	36	0	20.82	20.82	20.76	21.8	1
15	64QAM	36	20	20.97	20.65	20.67		
15	64QAM	36	39	20.94	20.61	20.89		
15	64QAM	75	0	20.80	20.71	20.99		
15	256QAM	1	0	19.15	19.40	19.34	19.8	3
15	256QAM	1	37	19.20	19.37	19.34		
15	256QAM	1	74	19.17	19.15	19.13		
15	256QAM	36	0	19.24	19.26	19.23	19.8	3
15	256QAM	36	20	19.33	19.29	19.27		
15	256QAM	36	39	19.32	19.26	19.24		
15	256QAM	75	0	19.13	19.26	19.27		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.84	22.09	21.79	22.8	0
10	QPSK	1	25	21.72	22.04	21.62		
10	QPSK	1	49	21.64	21.70	21.68		
10	QPSK	25	0	21.75	21.83	21.74	22.8	0
10	QPSK	25	12	21.70	21.83	21.72		
10	QPSK	25	25	21.78	21.81	21.71		
10	QPSK	50	0	21.73	21.82	21.85		
10	16QAM	1	0	21.78	21.97	21.90	22.8	0
10	16QAM	1	25	21.74	21.98	21.80		
10	16QAM	1	49	21.67	21.99	21.90		
10	16QAM	25	0	21.68	21.79	21.68	22.8	0
10	16QAM	25	12	21.65	21.67	21.84		
10	16QAM	25	25	21.77	21.66	21.66		
10	16QAM	50	0	21.72	21.63	21.62		
10	64QAM	1	0	21.64	21.91	21.74	22.8	0
10	64QAM	1	25	21.81	21.77	21.82		
10	64QAM	1	49	21.94	21.89	21.88		
10	64QAM	25	0	20.85	20.90	20.76	21.8	1
10	64QAM	25	12	21.04	20.64	20.71		
10	64QAM	25	25	20.79	20.71	20.82		
10	64QAM	50	0	20.80	20.86	20.90		
10	256QAM	1	0	19.12	19.34	19.30	19.8	3
10	256QAM	1	25	19.11	19.44	19.32		
10	256QAM	1	49	19.28	19.28	19.09		
10	256QAM	25	0	19.07	19.18	19.24	19.8	3
10	256QAM	25	12	19.17	19.24	19.28		
10	256QAM	25	25	19.14	19.37	19.31		
10	256QAM	50	0	19.21	19.23	19.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.88	22.06	21.86	22.8	0
5	QPSK	1	12	21.63	21.99	21.67		
5	QPSK	1	24	21.69	21.64	21.63		
5	QPSK	12	0	21.84	21.84	21.83	22.8	0
5	QPSK	12	7	21.81	21.75	21.74		
5	QPSK	12	13	21.75	21.77	21.76		
5	QPSK	25	0	21.64	21.70	21.76		
5	16QAM	1	0	21.83	21.83	21.99	22.8	0
5	16QAM	1	12	21.61	21.98	21.89		
5	16QAM	1	24	21.60	22.01	21.94		
5	16QAM	12	0	21.69	21.66	21.71	22.8	0
5	16QAM	12	7	21.64	21.71	21.66		
5	16QAM	12	13	21.64	21.61	21.80		
5	16QAM	25	0	21.81	21.70	21.60		
5	64QAM	1	0	21.54	21.92	21.85	22.8	0
5	64QAM	1	12	21.71	21.67	21.88		
5	64QAM	1	24	21.84	21.95	22.00		
5	64QAM	12	0	20.86	20.74	20.84	21.8	1
5	64QAM	12	7	20.91	20.79	20.77		
5	64QAM	12	13	20.83	20.47	20.79		
5	64QAM	25	0	20.81	20.86	20.90		
5	256QAM	1	0	19.20	19.34	19.27	19.8	3
5	256QAM	1	12	19.11	19.35	19.29		
5	256QAM	1	24	19.25	19.16	19.14		
5	256QAM	12	0	19.08	19.18	19.18	19.8	3
5	256QAM	12	7	19.23	19.14	19.40		
5	256QAM	12	13	19.30	19.18	19.21		
5	256QAM	25	0	19.18	19.18	19.34		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.88	21.93	21.84	22.8	0
3	QPSK	1	8	21.53	21.96	21.55		
3	QPSK	1	14	21.52	21.66	21.51		
3	QPSK	8	0	21.88	21.89	21.83	22.8	0
3	QPSK	8	4	21.68	21.86	21.78		
3	QPSK	8	7	21.71	21.88	21.69		
3	QPSK	15	0	21.59	21.67	21.78		
3	16QAM	1	0	21.79	22.00	21.94	22.8	0
3	16QAM	1	8	21.80	21.88	21.94		
3	16QAM	1	14	21.66	21.89	21.95		
3	16QAM	8	0	21.65	21.82	21.58	22.8	0
3	16QAM	8	4	21.68	21.77	21.79		
3	16QAM	8	7	21.66	21.61	21.65		
3	16QAM	15	0	21.64	21.77	21.68		
3	64QAM	1	0	21.47	21.77	21.68	22.8	0
3	64QAM	1	8	21.80	21.79	21.89		
3	64QAM	1	14	21.92	21.73	21.75		
3	64QAM	8	0	20.97	20.88	20.80	21.8	1
3	64QAM	8	4	20.94	20.75	20.85		
3	64QAM	8	7	20.95	20.50	20.76		
3	64QAM	15	0	20.94	20.84	20.86		
3	256QAM	1	0	19.16	19.39	19.44	19.8	3
3	256QAM	1	8	19.12	19.39	19.36		
3	256QAM	1	14	19.26	19.25	19.04		
3	256QAM	8	0	19.20	19.07	19.23	19.8	3
3	256QAM	8	4	19.17	19.20	19.23		
3	256QAM	8	7	19.33	19.33	19.25		
3	256QAM	15	0	19.21	19.19	19.31		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.90	22.01	21.98	22.8	0
1.4	QPSK	1	3	21.68	21.94	21.63		
1.4	QPSK	1	5	21.63	21.66	21.65		
1.4	QPSK	3	0	21.92	21.81	21.86		
1.4	QPSK	3	1	21.68	21.81	21.67		
1.4	QPSK	3	3	21.67	21.88	21.72		
1.4	QPSK	6	0	21.72	21.83	21.82	22.8	0
1.4	16QAM	1	0	21.84	21.85	21.97	22.8	0
1.4	16QAM	1	3	21.75	22.03	21.92		
1.4	16QAM	1	5	21.54	21.96	21.95		
1.4	16QAM	3	0	21.77	21.67	21.62		
1.4	16QAM	3	1	21.69	21.70	21.75		
1.4	16QAM	3	3	21.68	21.55	21.69		
1.4	16QAM	6	0	21.71	21.66	21.72	22.8	0
1.4	64QAM	1	0	21.54	21.93	21.71	22.8	0
1.4	64QAM	1	3	21.78	21.75	21.84		
1.4	64QAM	1	5	21.95	21.96	21.83		
1.4	64QAM	3	0	21.78	21.88	21.74		
1.4	64QAM	3	1	21.75	21.74	21.80		
1.4	64QAM	3	3	21.95	21.56	21.89		
1.4	64QAM	6	0	20.95	20.77	20.93	21.8	1
1.4	256QAM	1	0	19.08	19.42	19.45	19.8	3
1.4	256QAM	1	3	19.11	19.34	19.36		
1.4	256QAM	1	5	19.19	19.16	19.19		
1.4	256QAM	3	0	19.24	19.24	19.24		
1.4	256QAM	3	1	19.31	19.26	19.41		
1.4	256QAM	3	3	19.30	19.21	19.27		
1.4	256QAM	6	0	19.19	19.16	19.24	19.8	3

Band 4_ANT 2(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.27	21.28	21.25	22	0
20	QPSK	1	49	21.26	21.27	21.10		
20	QPSK	1	99	20.98	21.02	21.21		
20	QPSK	50	0	21.15	21.27	21.25	22	0
20	QPSK	50	24	21.14	21.24	21.24		
20	QPSK	50	50	21.04	21.25	21.17		
20	QPSK	100	0	21.17	21.25	21.22		
20	16QAM	1	0	21.05	21.18	21.16	22	0
20	16QAM	1	49	21.01	21.04	21.06		
20	16QAM	1	99	21.05	21.11	21.02		
20	16QAM	50	0	21.19	21.18	21.02	22	0
20	16QAM	50	24	21.06	21.05	21.07		
20	16QAM	50	50	21.05	21.01	21.09		
20	16QAM	100	0	21.17	21.00	21.03		
20	64QAM	1	0	21.03	21.10	21.18	22	0
20	64QAM	1	49	21.14	21.11	21.09		
20	64QAM	1	99	21.14	21.03	21.07		
20	64QAM	50	0	20.88	21.19	21.03	21.8	0.2
20	64QAM	50	24	21.10	21.07	21.01		
20	64QAM	50	50	21.07	21.07	21.01		
20	64QAM	100	0	21.11	21.09	21.07		
20	256QAM	1	0	19.34	19.39	19.43	19.8	2.2
20	256QAM	1	49	19.40	19.45	19.48		
20	256QAM	1	99	19.49	19.50	19.47		
20	256QAM	50	0	19.34	19.33	19.40	19.8	2.2
20	256QAM	50	24	19.38	19.37	19.35		
20	256QAM	50	50	19.40	19.44	19.43		
20	256QAM	100	0	19.37	19.35	19.33		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.05	21.06	21.13	22	0
15	QPSK	1	37	21.21	21.05	21.01		
15	QPSK	1	74	20.81	20.82	21.17		
15	QPSK	36	0	20.96	21.14	21.17	22	0
15	QPSK	36	20	21.08	21.12	21.04		
15	QPSK	36	39	20.92	21.14	21.02		
15	QPSK	75	0	21.14	21.18	21.18		
15	16QAM	1	0	20.91	21.04	21.11	22	0
15	16QAM	1	37	20.84	20.88	20.97		
15	16QAM	1	74	20.86	20.97	20.92		
15	16QAM	36	0	21.12	21.02	20.83	22	0
15	16QAM	36	20	20.85	20.86	21.01		
15	16QAM	36	39	20.85	20.86	21.05		
15	16QAM	75	0	20.98	20.82	20.84		
15	64QAM	1	0	20.94	20.92	21.01	22	0
15	64QAM	1	37	21.07	20.98	21.03		
15	64QAM	1	74	20.95	20.89	20.91		
15	64QAM	36	0	20.77	21.08	20.98	21.8	0.2
15	64QAM	36	20	20.92	21.00	20.87		
15	64QAM	36	39	21.04	21.03	20.88		
15	64QAM	75	0	21.05	21.06	20.98		
15	256QAM	1	0	19.43	19.43	19.44	19.8	2.2
15	256QAM	1	37	19.45	19.44	19.45		
15	256QAM	1	74	19.40	19.41	19.40		
15	256QAM	36	0	19.46	19.44	19.46	19.8	2.2
15	256QAM	36	20	19.43	19.41	19.48		
15	256QAM	36	39	19.46	19.40	19.47		
15	256QAM	75	0	19.49	19.48	19.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.25	21.23	21.04	22	0
10	QPSK	1	25	21.09	21.12	20.92		
10	QPSK	1	49	20.78	20.86	21.19		
10	QPSK	25	0	21.07	21.07	21.10	22	0
10	QPSK	25	12	20.98	21.08	21.06		
10	QPSK	25	25	20.88	21.07	21.13		
10	QPSK	50	0	21.00	21.03	21.10		
10	16QAM	1	0	20.93	21.12	21.14	22	0
10	16QAM	1	25	20.88	20.84	20.87		
10	16QAM	1	49	20.87	21.03	20.89		
10	16QAM	25	0	21.17	21.13	20.98	22	0
10	16QAM	25	12	20.88	20.89	21.04		
10	16QAM	25	25	20.90	20.97	20.98		
10	16QAM	50	0	21.04	20.98	20.97		
10	64QAM	1	0	20.94	20.99	20.96	22	0
10	64QAM	1	25	21.12	21.07	20.93		
10	64QAM	1	49	20.96	20.97	20.92		
10	64QAM	25	0	20.86	20.97	20.94	21.8	0.2
10	64QAM	25	12	20.89	20.91	20.86		
10	64QAM	25	25	20.85	21.03	20.82		
10	64QAM	50	0	21.00	21.02	20.97		
10	256QAM	1	0	19.48	19.46	19.47	19.8	2.2
10	256QAM	1	25	19.46	19.40	19.47		
10	256QAM	1	49	19.46	19.44	19.41		
10	256QAM	25	0	19.49	19.40	19.48	19.8	2.2
10	256QAM	25	12	19.44	19.47	19.43		
10	256QAM	25	25	19.46	19.46	19.44		
10	256QAM	50	0	19.43	19.47	19.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.07	21.24	21.19	22	0
5	QPSK	1	12	21.22	21.10	21.08		
5	QPSK	1	24	20.76	20.97	21.17		
5	QPSK	12	0	20.99	21.20	21.12	22	0
5	QPSK	12	7	20.98	21.09	21.02		
5	QPSK	12	13	20.96	21.14	21.04		
5	QPSK	25	0	20.96	21.09	21.08		
5	16QAM	1	0	20.93	21.05	20.96	22	0
5	16QAM	1	12	20.88	20.93	21.00		
5	16QAM	1	24	20.98	20.92	20.98		
5	16QAM	12	0	21.07	21.04	21.00	22	0
5	16QAM	12	7	20.99	20.84	20.96		
5	16QAM	12	13	20.98	20.80	21.06		
5	16QAM	25	0	21.15	20.87	20.97		
5	64QAM	1	0	20.89	21.03	21.04	22	0
5	64QAM	1	12	20.92	21.02	20.94		
5	64QAM	1	24	21.10	21.01	20.92		
5	64QAM	12	0	20.76	21.09	20.85	21.8	0.2
5	64QAM	12	7	21.00	20.93	20.93		
5	64QAM	12	13	20.90	20.94	20.83		
5	64QAM	25	0	21.00	21.00	21.05		
5	256QAM	1	0	19.46	19.47	19.40	19.8	2.2
5	256QAM	1	12	19.43	19.47	19.46		
5	256QAM	1	24	19.47	19.46	19.44		
5	256QAM	12	0	19.42	19.44	19.41	19.8	2.2
5	256QAM	12	7	19.48	19.49	19.45		
5	256QAM	12	13	19.46	19.48	19.48		
5	256QAM	25	0	19.45	19.46	19.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.20	21.26	21.03	22	0
3	QPSK	1	8	21.15	21.13	20.96		
3	QPSK	1	14	20.79	20.87	21.01		
3	QPSK	8	0	20.99	21.22	21.18	22	0
3	QPSK	8	4	21.02	21.02	21.06		
3	QPSK	8	7	20.91	21.08	21.00		
3	QPSK	15	0	21.02	21.12	21.10		
3	16QAM	1	0	20.92	20.98	21.13	22	0
3	16QAM	1	8	20.98	20.98	21.01		
3	16QAM	1	14	20.94	20.91	20.90		
3	16QAM	8	0	21.10	21.05	20.89	22	0
3	16QAM	8	4	20.88	21.02	20.94		
3	16QAM	8	7	20.96	20.82	20.90		
3	16QAM	15	0	21.13	20.87	20.95		
3	64QAM	1	0	20.85	21.05	21.02	22	0
3	64QAM	1	8	20.93	20.99	21.07		
3	64QAM	1	14	21.11	20.87	21.05		
3	64QAM	8	0	20.84	21.04	20.89	21.8	0.2
3	64QAM	8	4	21.08	20.99	20.89		
3	64QAM	8	7	20.95	20.87	20.96		
3	64QAM	15	0	21.06	20.89	20.91		
3	256QAM	1	0	19.40	19.47	19.46	19.8	2.2
3	256QAM	1	8	19.43	19.40	19.47		
3	256QAM	1	14	19.45	19.45	19.45		
3	256QAM	8	0	19.48	19.49	19.42	19.8	2.2
3	256QAM	8	4	19.44	19.41	19.48		
3	256QAM	8	7	19.46	19.46	19.47		
3	256QAM	15	0	19.46	19.40	19.48		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.14	21.22	21.11	22	0
1.4	QPSK	1	3	21.10	21.11	20.96		
1.4	QPSK	1	5	20.90	20.85	21.05		
1.4	QPSK	3	0	21.11	21.17	21.23		
1.4	QPSK	3	1	20.97	21.12	21.09		
1.4	QPSK	3	3	20.92	21.20	21.08		
1.4	QPSK	6	0	21.14	21.11	21.11	22	0
1.4	16QAM	1	0	21.02	21.03	21.03	22	0
1.4	16QAM	1	3	20.93	20.97	20.85		
1.4	16QAM	1	5	20.94	20.95	20.98		
1.4	16QAM	3	0	21.06	21.16	20.86		
1.4	16QAM	3	1	20.90	20.86	20.97		
1.4	16QAM	3	3	20.94	20.96	21.04		
1.4	16QAM	6	0	21.15	20.96	20.99	22	0
1.4	64QAM	1	0	20.97	20.96	21.10	22	0
1.4	64QAM	1	3	20.97	21.01	20.95		
1.4	64QAM	1	5	21.08	20.82	20.89		
1.4	64QAM	3	0	20.76	21.02	20.86		
1.4	64QAM	3	1	20.89	20.92	20.82		
1.4	64QAM	3	3	21.01	21.04	20.80		
1.4	64QAM	6	0	20.78	20.70	20.75	21.8	0.2
1.4	256QAM	1	0	19.45	19.42	19.42	19.8	2.2
1.4	256QAM	1	3	19.44	19.40	19.49		
1.4	256QAM	1	5	19.46	19.45	19.48		
1.4	256QAM	3	0	19.42	19.48	19.44		
1.4	256QAM	3	1	19.48	19.42	19.46		
1.4	256QAM	3	3	19.43	19.46	19.42		
1.4	256QAM	6	0	19.40	19.45	19.45	19.8	2.2

Band 4_ANT 5(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.92	17.99	17.93	18.8	0
20	QPSK	1	49	17.91	17.82	17.89		
20	QPSK	1	99	17.86	17.87	17.87		
20	QPSK	50	0	17.88	17.97	17.89	18.8	0
20	QPSK	50	24	17.85	17.79	17.80		
20	QPSK	50	50	17.87	17.93	17.88		
20	QPSK	100	0	17.86	17.88	17.74		
20	16QAM	1	0	17.90	17.92	17.87	18.8	0
20	16QAM	1	49	17.91	17.98	17.83		
20	16QAM	1	99	17.91	17.90	17.90		
20	16QAM	50	0	17.81	17.86	17.77	18.8	0
20	16QAM	50	24	17.89	17.78	17.95		
20	16QAM	50	50	17.85	17.84	17.91		
20	16QAM	100	0	17.85	17.87	17.90		
20	64QAM	1	0	17.88	17.97	17.89	18.8	0
20	64QAM	1	49	17.83	17.91	17.81		
20	64QAM	1	99	17.80	17.87	17.85		
20	64QAM	50	0	17.91	17.84	17.84	18.8	0
20	64QAM	50	24	17.79	17.85	17.88		
20	64QAM	50	50	17.89	17.98	17.77		
20	64QAM	100	0	17.77	17.76	17.87		
20	256QAM	1	0	17.81	17.86	17.89	18.8	0
20	256QAM	1	49	17.81	17.87	17.83		
20	256QAM	1	99	17.94	17.83	17.89		
20	256QAM	50	0	17.74	17.95	17.88	18.8	0
20	256QAM	50	24	17.91	17.85	17.92		
20	256QAM	50	50	17.76	17.78	17.96		
20	256QAM	100	0	17.94	17.87	17.88		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.91	17.92	17.78	18.8	0
15	QPSK	1	37	17.80	17.69	17.81		
15	QPSK	1	74	17.74	17.84	17.83		
15	QPSK	36	0	17.66	17.85	17.90	18.8	0
15	QPSK	36	20	17.80	17.73	17.77		
15	QPSK	36	39	17.75	17.88	17.81		
15	QPSK	75	0	17.83	17.83	17.64		
15	16QAM	1	0	17.80	17.89	17.76	18.8	0
15	16QAM	1	37	17.83	17.91	17.79		
15	16QAM	1	74	17.87	17.84	17.82		
15	16QAM	36	0	17.71	17.77	17.68	18.8	0
15	16QAM	36	20	17.77	17.71	17.88		
15	16QAM	36	39	17.79	17.81	17.78		
15	16QAM	75	0	17.82	17.81	17.86		
15	64QAM	1	0	17.75	17.94	17.78	18.8	0
15	64QAM	1	37	17.78	17.83	17.72		
15	64QAM	1	74	17.77	17.79	17.80		
15	64QAM	36	0	17.78	17.79	17.76	18.8	0
15	64QAM	36	20	17.71	17.74	17.84		
15	64QAM	36	39	17.81	17.86	17.64		
15	64QAM	75	0	17.65	17.67	17.76		
15	256QAM	1	0	17.72	17.75	17.76	18.8	0
15	256QAM	1	37	17.77	17.77	17.80		
15	256QAM	1	74	17.85	17.71	17.79		
15	256QAM	36	0	17.69	17.83	17.80	18.8	0
15	256QAM	36	20	17.85	17.75	17.88		
15	256QAM	36	39	17.69	17.65	17.84		
15	256QAM	75	0	17.85	17.76	17.85		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.88	17.92	17.81	18.8	0
10	QPSK	1	25	17.78	17.72	17.83		
10	QPSK	1	49	17.82	17.76	17.76		
10	QPSK	25	0	17.60	17.92	17.91	18.8	0
10	QPSK	25	12	17.75	17.75	17.76		
10	QPSK	25	25	17.80	17.90	17.77		
10	QPSK	50	0	17.78	17.77	17.68		
10	16QAM	1	0	17.80	17.87	17.74	18.8	0
10	16QAM	1	25	17.78	17.86	17.74		
10	16QAM	1	49	17.78	17.80	17.86		
10	16QAM	25	0	17.72	17.77	17.68	18.8	0
10	16QAM	25	12	17.83	17.66	17.87		
10	16QAM	25	25	17.79	17.79	17.85		
10	16QAM	50	0	17.81	17.75	17.85		
10	64QAM	1	0	17.85	17.85	17.79	18.8	0
10	64QAM	1	25	17.80	17.84	17.71		
10	64QAM	1	49	17.69	17.74	17.78		
10	64QAM	25	0	17.83	17.79	17.78	18.8	0
10	64QAM	25	12	17.67	17.75	17.82		
10	64QAM	25	25	17.76	17.89	17.66		
10	64QAM	50	0	17.69	17.72	17.79		
10	256QAM	1	0	17.75	17.75	17.77	18.8	0
10	256QAM	1	25	17.75	17.76	17.71		
10	256QAM	1	49	17.84	17.79	17.81		
10	256QAM	25	0	17.67	17.89	17.78	18.8	0
10	256QAM	25	12	17.78	17.74	17.82		
10	256QAM	25	25	17.66	17.68	17.88		
10	256QAM	50	0	17.91	17.77	17.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.90	17.97	17.83	18.8	0
5	QPSK	1	12	17.78	17.71	17.80		
5	QPSK	1	24	17.73	17.76	17.81		
5	QPSK	12	0	17.69	17.87	17.83	18.8	0
5	QPSK	12	7	17.82	17.69	17.73		
5	QPSK	12	13	17.75	17.90	17.77		
5	QPSK	25	0	17.78	17.78	17.64		
5	16QAM	1	0	17.83	17.87	17.79	18.8	0
5	16QAM	1	12	17.82	17.94	17.80		
5	16QAM	1	24	17.84	17.81	17.82		
5	16QAM	12	0	17.68	17.75	17.69	18.8	0
5	16QAM	12	7	17.77	17.67	17.83		
5	16QAM	12	13	17.79	17.77	17.82		
5	16QAM	25	0	17.81	17.81	17.79		
5	64QAM	1	0	17.84	17.84	17.81	18.8	0
5	64QAM	1	12	17.78	17.83	17.76		
5	64QAM	1	24	17.70	17.77	17.76		
5	64QAM	12	0	17.88	17.80	17.81	18.8	0
5	64QAM	12	7	17.69	17.79	17.75		
5	64QAM	12	13	17.79	17.88	17.65		
5	64QAM	25	0	17.73	17.70	17.83		
5	256QAM	1	0	17.74	17.83	17.81	18.8	0
5	256QAM	1	12	17.76	17.78	17.78		
5	256QAM	1	24	17.88	17.72	17.79		
5	256QAM	12	0	17.69	17.86	17.80	18.8	0
5	256QAM	12	7	17.88	17.79	17.84		
5	256QAM	12	13	17.70	17.65	17.85		
5	256QAM	25	0	17.85	17.76	17.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.87	17.94	17.79	18.8	0
3	QPSK	1	8	17.79	17.73	17.83		
3	QPSK	1	14	17.83	17.83	17.74		
3	QPSK	8	0	17.65	17.84	17.90	18.8	0
3	QPSK	8	4	17.74	17.74	17.70		
3	QPSK	8	7	17.74	17.90	17.76		
3	QPSK	15	0	17.74	17.76	17.70		
3	16QAM	1	0	17.83	17.89	17.75	18.8	0
3	16QAM	1	8	17.79	17.93	17.75		
3	16QAM	1	14	17.85	17.79	17.81		
3	16QAM	8	0	17.77	17.76	17.65	18.8	0
3	16QAM	8	4	17.84	17.74	17.85		
3	16QAM	8	7	17.82	17.80	17.81		
3	16QAM	15	0	17.77	17.74	17.79		
3	64QAM	1	0	17.82	17.93	17.84	18.8	0
3	64QAM	1	8	17.80	17.83	17.69		
3	64QAM	1	14	17.70	17.83	17.74		
3	64QAM	8	0	17.80	17.80	17.72	18.8	0
3	64QAM	8	4	17.75	17.73	17.85		
3	64QAM	8	7	17.76	17.88	17.71		
3	64QAM	15	0	17.67	17.67	17.78		
3	256QAM	1	0	17.69	17.81	17.84	18.8	0
3	256QAM	1	8	17.68	17.80	17.72		
3	256QAM	1	14	17.91	17.74	17.80		
3	256QAM	8	0	17.64	17.85	17.83	18.8	0
3	256QAM	8	4	17.83	17.77	17.85		
3	256QAM	8	7	17.65	17.72	17.83		
3	256QAM	15	0	17.84	17.75	17.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.89	17.95	17.78	18.8	0
1.4	QPSK	1	3	17.84	17.73	17.76		
1.4	QPSK	1	5	17.81	17.74	17.80		
1.4	QPSK	3	0	17.69	17.84	17.82		
1.4	QPSK	3	1	17.79	17.66	17.71		
1.4	QPSK	3	3	17.80	17.86	17.85		
1.4	QPSK	6	0	17.78	17.84	17.62	18.8	0
1.4	16QAM	1	0	17.81	17.82	17.79	18.8	0
1.4	16QAM	1	3	17.85	17.86	17.74		
1.4	16QAM	1	5	17.85	17.86	17.87		
1.4	16QAM	3	0	17.77	17.82	17.68		
1.4	16QAM	3	1	17.82	17.66	17.83		
1.4	16QAM	3	3	17.72	17.81	17.82		
1.4	16QAM	6	0	17.75	17.80	17.80	18.8	0
1.4	64QAM	1	0	17.81	17.93	17.86	18.8	0
1.4	64QAM	1	3	17.80	17.84	17.70		
1.4	64QAM	1	5	17.72	17.75	17.76		
1.4	64QAM	3	0	17.85	17.80	17.77		
1.4	64QAM	3	1	17.68	17.72	17.78		
1.4	64QAM	3	3	17.82	17.88	17.67		
1.4	64QAM	6	0	17.71	17.67	17.80	18.8	0
1.4	256QAM	1	0	17.71	17.79	17.76	18.8	0
1.4	256QAM	1	3	17.70	17.78	17.79		
1.4	256QAM	1	5	17.86	17.75	17.86		
1.4	256QAM	3	0	17.64	17.91	17.82		
1.4	256QAM	3	1	17.87	17.76	17.89		
1.4	256QAM	3	3	17.66	17.71	17.84		
1.4	256QAM	6	0	17.84	17.81	17.81	18.8	0

Band 5_ANT 0(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.15	20.26	20.23	21	0
10	QPSK	1	25	20.12	20.15	20.07		
10	QPSK	1	49	20.14	20.14	20.11		
10	QPSK	25	0	19.90	19.98	19.94	21	0
10	QPSK	25	12	19.87	19.82	19.86		
10	QPSK	25	25	19.86	19.86	19.90		
10	QPSK	50	0	19.87	19.95	19.94		
10	16QAM	1	0	19.76	19.75	19.84	21	0
10	16QAM	1	25	19.74	19.75	19.79		
10	16QAM	1	49	19.73	19.73	19.75		
10	16QAM	25	0	19.76	19.82	19.84	21	0
10	16QAM	25	12	19.86	19.80	19.85		
10	16QAM	25	25	19.83	19.87	19.91		
10	16QAM	50	0	19.84	19.87	19.92		
10	64QAM	1	0	20.02	20.04	20.09	21	0
10	64QAM	1	25	19.96	20.02	20.14		
10	64QAM	1	49	19.93	19.98	19.99		
10	64QAM	25	0	19.78	19.81	19.84	21	0
10	64QAM	25	12	19.85	19.82	19.86		
10	64QAM	25	25	19.82	19.84	19.90		
10	64QAM	50	0	19.85	19.86	19.92		
10	256QAM	1	0	17.99	17.94	17.92	19	2
10	256QAM	1	25	17.95	18.07	17.98		
10	256QAM	1	49	17.98	17.99	17.91		
10	256QAM	25	0	17.90	17.89	17.86	19	2
10	256QAM	25	12	17.91	17.97	17.94		
10	256QAM	25	25	17.94	17.94	17.93		
10	256QAM	50	0	17.95	17.91	17.92		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.08	20.22	20.19	21	0
5	QPSK	1	12	20.03	20.02	19.94		
5	QPSK	1	24	20.10	20.10	19.98		
5	QPSK	12	0	19.87	19.89	19.86	21	0
5	QPSK	12	7	19.75	19.77	19.73		
5	QPSK	12	13	19.75	19.83	19.80		
5	QPSK	25	0	19.74	19.84	19.82		
5	16QAM	1	0	19.66	19.65	19.78	21	0
5	16QAM	1	12	19.65	19.63	19.74		
5	16QAM	1	24	19.70	19.60	19.64		
5	16QAM	12	0	19.70	19.76	19.75	21	0
5	16QAM	12	7	19.76	19.72	19.73		
5	16QAM	12	13	19.71	19.80	19.86		
5	16QAM	25	0	19.76	19.76	19.84		
5	64QAM	1	0	19.90	19.98	19.96	21	0
5	64QAM	1	12	19.88	19.93	20.01		
5	64QAM	1	24	19.80	19.94	19.94		
5	64QAM	12	0	19.73	19.73	19.72	21	0
5	64QAM	12	7	19.76	19.71	19.73		
5	64QAM	12	13	19.79	19.73	19.77		
5	64QAM	25	0	19.76	19.81	19.85		
5	256QAM	1	0	18.03	17.97	17.91	19	2
5	256QAM	1	12	17.96	18.11	18.00		
5	256QAM	1	24	17.98	18.01	17.95		
5	256QAM	12	0	17.91	17.90	17.83	19	2
5	256QAM	12	7	17.87	17.95	17.92		
5	256QAM	12	13	17.93	17.95	17.92		
5	256QAM	25	0	17.91	17.90	17.90		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.12	20.21	20.17	21	0
3	QPSK	1	8	20.08	20.12	19.96		
3	QPSK	1	14	20.08	20.10	19.99		
3	QPSK	8	0	19.84	19.90	19.90	21	0
3	QPSK	8	4	19.77	19.69	19.82		
3	QPSK	8	7	19.83	19.79	19.77		
3	QPSK	15	0	19.75	19.90	19.83		
3	16QAM	1	0	19.73	19.64	19.75	21	0
3	16QAM	1	8	19.67	19.66	19.70		
3	16QAM	1	14	19.66	19.69	19.72		
3	16QAM	8	0	19.64	19.73	19.73	21	0
3	16QAM	8	4	19.83	19.68	19.82		
3	16QAM	8	7	19.79	19.76	19.83		
3	16QAM	15	0	19.71	19.78	19.89		
3	64QAM	1	0	19.92	20.00	19.99	21	0
3	64QAM	1	8	19.88	19.92	20.07		
3	64QAM	1	14	19.83	19.95	19.90		
3	64QAM	8	0	19.66	19.69	19.81	21	0
3	64QAM	8	4	19.77	19.70	19.80		
3	64QAM	8	7	19.69	19.77	19.83		
3	64QAM	15	0	19.76	19.74	19.79		
3	256QAM	1	0	18.03	17.90	17.95	19	2
3	256QAM	1	8	17.98	18.05	18.01		
3	256QAM	1	14	17.97	17.99	17.93		
3	256QAM	8	0	17.90	17.85	17.85	19	2
3	256QAM	8	4	17.95	17.93	17.93		
3	256QAM	8	7	17.95	17.94	17.90		
3	256QAM	15	0	17.96	17.90	17.93		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.10	20.24	20.16	21	0
1.4	QPSK	1	3	20.09	20.09	19.98		
1.4	QPSK	1	5	20.02	20.09	20.01		
1.4	QPSK	3	0	19.81	19.93	19.91		
1.4	QPSK	3	1	19.75	19.70	19.76		
1.4	QPSK	3	3	19.74	19.74	19.77		
1.4	QPSK	6	0	19.84	19.83	19.83	21	0
1.4	16QAM	1	0	19.64	19.62	19.73	21	0
1.4	16QAM	1	3	19.65	19.62	19.72		
1.4	16QAM	1	5	19.66	19.64	19.71		
1.4	16QAM	3	0	19.69	19.76	19.77		
1.4	16QAM	3	1	19.77	19.76	19.77		
1.4	16QAM	3	3	19.78	19.76	19.81		
1.4	16QAM	6	0	19.80	19.78	19.79	21	0
1.4	64QAM	1	0	19.90	19.99	19.98	21	0
1.4	64QAM	1	3	19.93	19.89	20.06		
1.4	64QAM	1	5	19.82	19.87	19.87		
1.4	64QAM	3	0	19.69	19.70	19.80		
1.4	64QAM	3	1	19.72	19.78	19.75		
1.4	64QAM	3	3	19.77	19.74	19.78		
1.4	64QAM	6	0	19.45	19.46	19.43	21	0
1.4	256QAM	1	0	17.98	17.94	17.89	19	2
1.4	256QAM	1	3	17.92	18.06	18.02		
1.4	256QAM	1	5	17.94	17.99	17.95		
1.4	256QAM	3	0	17.91	17.93	17.86		
1.4	256QAM	3	1	17.92	17.96	17.92		
1.4	256QAM	3	3	17.94	17.97	17.97		
1.4	256QAM	6	0	17.99	17.91	17.88	19	2

Band 7_ANT 2(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.12	20.22	20.08	21	0
20	QPSK	1	49	19.83	20.15	20.02		
20	QPSK	1	99	19.85	19.73	19.94		
20	QPSK	50	0	20.01	20.11	20.06	21	0
20	QPSK	50	24	19.90	19.95	20.08		
20	QPSK	50	50	19.88	20.05	20.01		
20	QPSK	100	0	20.00	20.06	20.05		
20	16QAM	1	0	19.90	19.99	19.57	21	0
20	16QAM	1	49	19.93	20.01	20.03		
20	16QAM	1	99	19.97	20.01	19.98		
20	16QAM	50	0	19.89	20.01	19.90	21	0
20	16QAM	50	24	19.88	19.99	20.05		
20	16QAM	50	50	19.97	19.99	19.99		
20	16QAM	100	0	19.95	20.05	19.93		
20	64QAM	1	0	19.95	20.01	20.06	21	0
20	64QAM	1	49	19.84	19.96	19.85		
20	64QAM	1	99	19.96	19.95	19.94		
20	64QAM	50	0	19.82	19.96	20.07	21	0
20	64QAM	50	24	19.81	20.07	20.09		
20	64QAM	50	50	19.99	19.97	20.01		
20	64QAM	100	0	19.86	19.92	19.92		
20	256QAM	1	0	18.58	18.49	18.52	19	2
20	256QAM	1	49	18.52	18.44	18.54		
20	256QAM	1	99	18.42	18.42	18.39		
20	256QAM	50	0	18.33	18.34	18.38	19	2
20	256QAM	50	24	18.47	18.40	18.36		
20	256QAM	50	50	18.38	18.39	18.36		
20	256QAM	100	0	18.40	18.36	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.96	20.05	19.92	21	0
15	QPSK	1	37	19.63	20.02	19.82		
15	QPSK	1	74	19.64	19.57	19.74		
15	QPSK	36	0	19.85	20.02	20.02	21	0
15	QPSK	36	20	19.82	19.91	20.06		
15	QPSK	36	39	19.71	19.85	19.82		
15	QPSK	75	0	19.80	19.98	20.02		
15	16QAM	1	0	19.80	19.84	19.55	21	0
15	16QAM	1	37	19.81	19.80	20.01		
15	16QAM	1	74	19.84	19.84	19.80		
15	16QAM	36	0	19.86	19.90	19.86	21	0
15	16QAM	36	20	19.78	19.86	19.92		
15	16QAM	36	39	19.84	19.79	19.86		
15	16QAM	75	0	19.84	19.96	19.76		
15	64QAM	1	0	19.85	19.90	19.84	21	0
15	64QAM	1	37	19.76	19.79	19.74		
15	64QAM	1	74	19.92	19.89	19.85		
15	64QAM	36	0	19.78	19.76	19.88	21	0
15	64QAM	36	20	19.66	20.01	19.90		
15	64QAM	36	39	19.84	19.85	19.92		
15	64QAM	75	0	19.74	19.77	19.84		
15	256QAM	1	0	18.63	18.52	18.62	19	2
15	256QAM	1	37	18.64	18.69	18.65		
15	256QAM	1	74	18.69	18.65	18.63		
15	256QAM	36	0	18.61	18.57	18.63	19	2
15	256QAM	36	20	18.69	18.67	18.60		
15	256QAM	36	39	18.62	18.68	18.69		
15	256QAM	75	0	18.66	18.67	18.64		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.95	20.11	20.03	21	0
10	QPSK	1	25	19.76	20.04	19.84		
10	QPSK	1	49	19.77	19.68	19.76		
10	QPSK	25	0	19.80	20.03	19.87	21	0
10	QPSK	25	12	19.83	19.91	19.87		
10	QPSK	25	25	19.77	19.86	19.80		
10	QPSK	50	0	19.79	19.88	19.90		
10	16QAM	1	0	19.78	19.86	19.55	21	0
10	16QAM	1	25	19.91	19.93	20.00		
10	16QAM	1	49	19.84	19.86	19.96		
10	16QAM	25	0	19.73	19.84	19.73	21	0
10	16QAM	25	12	19.83	19.87	19.85		
10	16QAM	25	25	19.90	19.90	19.97		
10	16QAM	50	0	19.83	19.90	19.89		
10	64QAM	1	0	19.80	19.79	20.03	21	0
10	64QAM	1	25	19.80	19.89	19.72		
10	64QAM	1	49	19.90	19.80	19.85		
10	64QAM	25	0	19.70	19.92	19.99	21	0
10	64QAM	25	12	19.64	19.96	19.89		
10	64QAM	25	25	19.81	19.83	19.92		
10	64QAM	50	0	19.84	19.86	19.90		
10	256QAM	1	0	18.66	18.64	18.61	19	2
10	256QAM	1	25	18.60	18.61	18.69		
10	256QAM	1	49	18.65	18.65	18.63		
10	256QAM	25	0	18.61	18.62	18.64	19	2
10	256QAM	25	12	18.61	18.60	18.67		
10	256QAM	25	25	18.67	18.68	18.61		
10	256QAM	50	0	18.61	18.68	18.61		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.98	20.04	19.86	21	0
5	QPSK	1	12	19.71	20.10	19.91		
5	QPSK	1	24	19.77	19.66	19.88		
5	QPSK	12	0	19.79	19.99	19.95	21	0
5	QPSK	12	7	19.70	19.90	19.90		
5	QPSK	12	13	19.76	19.88	19.81		
5	QPSK	25	0	19.94	19.94	19.85		
5	16QAM	1	0	19.81	19.77	19.47	21	0
5	16QAM	1	12	19.85	19.84	19.86		
5	16QAM	1	24	19.86	19.81	19.84		
5	16QAM	12	0	19.84	19.86	19.72	21	0
5	16QAM	12	7	19.84	19.93	19.85		
5	16QAM	12	13	19.75	19.89	19.89		
5	16QAM	25	0	19.90	20.01	19.74		
5	64QAM	1	0	19.91	19.88	20.04	21	0
5	64QAM	1	12	19.63	19.75	19.83		
5	64QAM	1	24	19.83	19.86	19.81		
5	64QAM	12	0	19.80	19.78	19.88	21	0
5	64QAM	12	7	19.71	19.98	19.96		
5	64QAM	12	13	19.97	19.93	19.94		
5	64QAM	25	0	19.64	19.70	19.77		
5	256QAM	1	0	18.62	18.63	18.61	19	2
5	256QAM	1	12	18.62	18.64	18.65		
5	256QAM	1	24	18.67	18.60	18.60		
5	256QAM	12	0	18.65	18.61	18.63	19	2
5	256QAM	12	7	18.63	18.69	18.68		
5	256QAM	12	13	18.64	18.65	18.63		
5	256QAM	25	0	18.67	18.64	18.64		

Band 7_ANT 5(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.32	16.33	16.31	17.8	0
20	QPSK	1	49	16.31	16.23	16.29		
20	QPSK	1	99	16.25	16.25	16.27		
20	QPSK	50	0	16.30	16.31	16.26	17.8	0
20	QPSK	50	24	16.25	16.19	16.18		
20	QPSK	50	50	16.29	16.23	16.25		
20	QPSK	100	0	16.22	16.30	16.28		
20	16QAM	1	0	16.24	16.18	16.26	17.8	0
20	16QAM	1	49	16.28	16.23	16.25		
20	16QAM	1	99	16.19	16.24	16.21		
20	16QAM	50	0	16.26	16.28	16.30	17.8	0
20	16QAM	50	24	16.29	16.27	16.31		
20	16QAM	50	50	16.31	16.19	16.21		
20	16QAM	100	0	16.31	16.29	16.27		
20	64QAM	1	0	16.22	16.31	16.27	17.8	0
20	64QAM	1	49	16.31	16.23	16.27		
20	64QAM	1	99	16.23	16.31	16.28		
20	64QAM	50	0	16.23	16.24	16.23	17.8	0
20	64QAM	50	24	16.21	16.21	16.19		
20	64QAM	50	50	16.31	16.30	16.26		
20	64QAM	100	0	16.20	16.25	16.26		
20	256QAM	1	0	16.29	16.20	16.24	17.8	0
20	256QAM	1	49	16.27	16.24	16.27		
20	256QAM	1	99	16.24	16.22	16.27		
20	256QAM	50	0	16.20	16.22	16.26	17.8	0
20	256QAM	50	24	16.20	16.25	16.18		
20	256QAM	50	50	16.28	16.20	16.22		
20	256QAM	100	0	16.29	16.23	16.22		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.18	16.29	16.25	17.8	0
15	QPSK	1	37	16.28	16.11	16.21		
15	QPSK	1	74	16.14	16.18	16.24		
15	QPSK	36	0	16.22	16.18	16.20	17.8	0
15	QPSK	36	20	16.18	16.11	16.15		
15	QPSK	36	39	16.23	16.19	16.18		
15	QPSK	75	0	16.09	16.21	16.15		
15	16QAM	1	0	16.19	16.08	16.18	17.8	0
15	16QAM	1	37	16.24	16.20	16.12		
15	16QAM	1	74	16.09	16.17	16.18		
15	16QAM	36	0	16.16	16.19	16.18	17.8	0
15	16QAM	36	20	16.21	16.16	16.28		
15	16QAM	36	39	16.20	16.06	16.15		
15	16QAM	75	0	16.25	16.16	16.15		
15	64QAM	1	0	16.16	16.18	16.17	17.8	0
15	64QAM	1	37	16.18	16.19	16.21		
15	64QAM	1	74	16.19	16.24	16.22		
15	64QAM	36	0	16.17	16.20	16.12	17.8	0
15	64QAM	36	20	16.14	16.09	16.10		
15	64QAM	36	39	16.19	16.23	16.17		
15	64QAM	75	0	16.07	16.14	16.15		
15	256QAM	1	0	16.21	16.17	16.11	17.8	0
15	256QAM	1	37	16.24	16.13	16.15		
15	256QAM	1	74	16.19	16.14	16.16		
15	256QAM	36	0	16.14	16.18	16.20	17.8	0
15	256QAM	36	20	16.17	16.20	16.05		
15	256QAM	36	39	16.23	16.10	16.18		
15	256QAM	75	0	16.16	16.17	16.16		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.15	16.28	16.27	17.8	0
10	QPSK	1	25	16.28	16.17	16.19		
10	QPSK	1	49	16.16	16.16	16.22		
10	QPSK	25	0	16.24	16.18	16.15	17.8	0
10	QPSK	25	12	16.14	16.14	16.13		
10	QPSK	25	25	16.21	16.13	16.14		
10	QPSK	50	0	16.09	16.17	16.15		
10	16QAM	1	0	16.12	16.07	16.16	17.8	0
10	16QAM	1	25	16.15	16.16	16.16		
10	16QAM	1	49	16.13	16.11	16.14		
10	16QAM	25	0	16.14	16.20	16.26	17.8	0
10	16QAM	25	12	16.20	16.22	16.24		
10	16QAM	25	25	16.19	16.07	16.13		
10	16QAM	50	0	16.27	16.19	16.18		
10	64QAM	1	0	16.10	16.25	16.20	17.8	0
10	64QAM	1	25	16.23	16.12	16.16		
10	64QAM	1	49	16.12	16.23	16.15		
10	64QAM	25	0	16.16	16.17	16.16	17.8	0
10	64QAM	25	12	16.15	16.13	16.15		
10	64QAM	25	25	16.27	16.18	16.20		
10	64QAM	50	0	16.11	16.13	16.14		
10	256QAM	1	0	16.23	16.11	16.21	17.8	0
10	256QAM	1	25	16.16	16.20	16.15		
10	256QAM	1	49	16.18	16.18	16.20		
10	256QAM	25	0	16.17	16.12	16.18	17.8	0
10	256QAM	25	12	16.09	16.20	16.12		
10	256QAM	25	25	16.15	16.11	16.19		
10	256QAM	50	0	16.19	16.12	16.12		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.20	16.30	16.30	17.8	0
5	QPSK	1	12	16.18	16.14	16.19		
5	QPSK	1	24	16.12	16.17	16.22		
5	QPSK	12	0	16.27	16.19	16.13	17.8	0
5	QPSK	12	7	16.21	16.08	16.06		
5	QPSK	12	13	16.22	16.18	16.22		
5	QPSK	25	0	16.18	16.24	16.21		
5	16QAM	1	0	16.15	16.11	16.13	17.8	0
5	16QAM	1	12	16.22	16.12	16.18		
5	16QAM	1	24	16.12	16.16	16.16		
5	16QAM	12	0	16.17	16.16	16.23	17.8	0
5	16QAM	12	7	16.16	16.20	16.26		
5	16QAM	12	13	16.18	16.16	16.12		
5	16QAM	25	0	16.24	16.26	16.23		
5	64QAM	1	0	16.12	16.24	16.21	17.8	0
5	64QAM	1	12	16.25	16.10	16.18		
5	64QAM	1	24	16.10	16.22	16.20		
5	64QAM	12	0	16.19	16.14	16.10	17.8	0
5	64QAM	12	7	16.11	16.14	16.09		
5	64QAM	12	13	16.26	16.23	16.22		
5	64QAM	25	0	16.11	16.15	16.16		
5	256QAM	1	0	16.18	16.15	16.16	17.8	0
5	256QAM	1	12	16.18	16.18	16.21		
5	256QAM	1	24	16.18	16.15	16.18		
5	256QAM	12	0	16.09	16.17	16.22	17.8	0
5	256QAM	12	7	16.16	16.19	16.09		
5	256QAM	12	13	16.18	16.13	16.12		
5	256QAM	25	0	16.23	16.20	16.15		

Band 12_ANT 0(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	20.26	20.31	20.24	21	0
10	QPSK	1	25	20.25	20.21	20.18		
10	QPSK	1	49	20.01	20.20	20.04		
10	QPSK	25	0	20.21	20.26	20.22	21	0
10	QPSK	25	12	20.15	20.20	20.20		
10	QPSK	25	25	20.19	20.22	20.17		
10	QPSK	50	0	20.14	20.22	20.18		
10	16QAM	1	0	19.85	19.87	19.83	21	0
10	16QAM	1	25	19.85	19.86	19.81		
10	16QAM	1	49	19.79	19.82	19.75		
10	16QAM	25	0	19.89	19.86	19.86	21	0
10	16QAM	25	12	19.89	19.98	19.95		
10	16QAM	25	25	19.95	19.97	19.91		
10	16QAM	50	0	19.86	19.93	19.90		
10	64QAM	1	0	20.05	20.07	20.03	21	0
10	64QAM	1	25	20.08	20.01	20.09		
10	64QAM	1	49	20.05	20.08	20.01		
10	64QAM	25	0	19.85	19.86	19.79	21	0
10	64QAM	25	12	19.85	19.94	19.90		
10	64QAM	25	25	19.92	19.92	19.87		
10	64QAM	50	0	19.83	19.93	19.89		
10	256QAM	1	0	17.96	18.04	17.95	19	2
10	256QAM	1	25	17.99	18.03	17.97		
10	256QAM	1	49	18.03	17.95	17.94		
10	256QAM	25	0	17.93	17.97	17.90	19	2
10	256QAM	25	12	17.96	17.89	18.00		
10	256QAM	25	25	17.95	17.91	17.92		
10	256QAM	50	0	18.00	17.90	17.94		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	20.05	20.04	20.07	21	0
5	QPSK	1	12	20.09	20.00	20.05		
5	QPSK	1	24	19.97	20.05	19.93		
5	QPSK	12	0	19.88	19.87	19.83	21	0
5	QPSK	12	7	19.75	19.84	19.78		
5	QPSK	12	13	19.82	19.84	19.77		
5	QPSK	25	0	19.76	19.80	19.78		
5	16QAM	1	0	19.76	19.81	19.78	21	0
5	16QAM	1	12	19.77	19.74	19.76		
5	16QAM	1	24	19.68	19.69	19.70		
5	16QAM	12	0	19.78	19.82	19.83	21	0
5	16QAM	12	7	19.81	19.94	19.84		
5	16QAM	12	13	19.88	19.84	19.84		
5	16QAM	25	0	19.77	19.90	19.81		
5	64QAM	1	0	20.01	20.01	19.95	21	0
5	64QAM	1	12	20.05	20.08	20.05		
5	64QAM	1	24	20.04	19.99	19.98		
5	64QAM	12	0	19.78	19.74	19.69	21	0
5	64QAM	12	7	19.76	19.83	19.86		
5	64QAM	12	13	19.82	19.80	19.76		
5	64QAM	25	0	19.73	19.84	19.79		
5	256QAM	1	0	17.96	18.07	17.93	19	2
5	256QAM	1	12	18.01	18.07	18.01		
5	256QAM	1	24	18.07	17.98	17.96		
5	256QAM	12	0	17.97	17.98	17.89	19	2
5	256QAM	12	7	17.96	17.89	17.98		
5	256QAM	12	13	17.98	17.91	17.90		
5	256QAM	25	0	18.00	17.90	17.95		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.09	20.05	20.01	21	0
3	QPSK	1	8	20.06	20.07	20.01		
3	QPSK	1	14	19.96	20.04	20.01		
3	QPSK	8	0	19.88	19.89	19.81	21	0
3	QPSK	8	4	19.82	19.83	19.82		
3	QPSK	8	7	19.78	19.83	19.75		
3	QPSK	15	0	19.76	19.89	19.78		
3	16QAM	1	0	19.76	19.75	19.73	21	0
3	16QAM	1	8	19.72	19.76	19.77		
3	16QAM	1	14	19.73	19.75	19.64		
3	16QAM	8	0	19.78	19.74	19.82	21	0
3	16QAM	8	4	19.84	19.90	19.84		
3	16QAM	8	7	19.87	19.85	19.84		
3	16QAM	15	0	19.83	19.85	19.87		
3	64QAM	1	0	19.98	19.98	19.90	21	0
3	64QAM	1	8	19.98	20.05	20.05		
3	64QAM	1	14	20.06	20.05	19.93		
3	64QAM	8	0	19.73	19.76	19.73	21	0
3	64QAM	8	4	19.81	19.82	19.81		
3	64QAM	8	7	19.83	19.83	19.82		
3	64QAM	15	0	19.79	19.90	19.77		
3	256QAM	1	0	17.96	18.02	17.95	19	2
3	256QAM	1	8	18.03	18.02	17.99		
3	256QAM	1	14	17.99	17.98	17.91		
3	256QAM	8	0	17.97	17.93	17.93	19	2
3	256QAM	8	4	17.93	17.85	17.96		
3	256QAM	8	7	17.93	17.90	17.88		
3	256QAM	15	0	18.00	17.87	17.97		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	20.05	20.05	20.08	21	0
1.4	QPSK	1	3	20.01	20.08	20.07		
1.4	QPSK	1	5	19.88	20.09	19.95		
1.4	QPSK	3	0	19.85	19.93	19.89		
1.4	QPSK	3	1	19.78	19.86	19.85		
1.4	QPSK	3	3	19.79	19.81	19.84		
1.4	QPSK	6	0	19.71	19.80	19.79	21	0
1.4	16QAM	1	0	19.81	19.83	19.74	21	0
1.4	16QAM	1	3	19.75	19.76	19.74		
1.4	16QAM	1	5	19.67	19.69	19.72		
1.4	16QAM	3	0	19.83	19.74	19.76		
1.4	16QAM	3	1	19.84	19.91	19.82		
1.4	16QAM	3	3	19.91	19.86	19.81		
1.4	16QAM	6	0	19.81	19.89	19.79	21	0
1.4	64QAM	1	0	20.02	19.98	19.98	21	0
1.4	64QAM	1	3	19.95	19.99	20.05		
1.4	64QAM	1	5	20.02	19.95	19.98		
1.4	64QAM	3	0	19.79	19.81	19.72		
1.4	64QAM	3	1	19.77	19.86	19.81		
1.4	64QAM	3	3	19.88	19.85	19.79		
1.4	64QAM	6	0	19.79	19.89	19.79	21	0
1.4	256QAM	1	0	17.96	18.04	17.96	19	2
1.4	256QAM	1	3	18.03	18.06	17.96		
1.4	256QAM	1	5	18.02	17.96	17.97		
1.4	256QAM	3	0	17.91	17.97	17.91		
1.4	256QAM	3	1	17.99	17.93	17.97		
1.4	256QAM	3	3	17.97	17.89	17.88		
1.4	256QAM	6	0	18.02	17.90	17.93	19	2

Band 13_ANT 0(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		20.06		21	0
10	QPSK	1	25		20.03			
10	QPSK	1	49		19.97			
10	QPSK	25	0		20.01		21	0
10	QPSK	25	12		19.89			
10	QPSK	25	25		19.96			
10	QPSK	50	0		19.99			
10	16QAM	1	0		19.84		21	0
10	16QAM	1	25		19.68			
10	16QAM	1	49		19.62			
10	16QAM	25	0		19.69		21	0
10	16QAM	25	12		19.73			
10	16QAM	25	25		19.70			
10	16QAM	50	0		19.74			
10	64QAM	1	0		19.88		21	0
10	64QAM	1	25		19.97			
10	64QAM	1	49		19.93			
10	64QAM	25	0		19.70		21	0
10	64QAM	25	12		19.71			
10	64QAM	25	25		19.65			
10	64QAM	50	0		19.71			
10	256QAM	1	0		18.14		19	2
10	256QAM	1	25		18.21			
10	256QAM	1	49		18.10			
10	256QAM	25	0		17.99		19	2
10	256QAM	25	12		18.02			
10	256QAM	25	25		18.00			
10	256QAM	50	0		18.06			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	19.97	19.98	19.90	21	0
5	QPSK	1	12	19.82	19.74	19.72		
5	QPSK	1	24	19.74	19.74	19.87		
5	QPSK	12	0	19.79	19.76	19.88	21	0
5	QPSK	12	7	19.78	19.72	19.86		
5	QPSK	12	13	19.82	19.66	19.75		
5	QPSK	25	0	19.76	19.74	19.84		
5	16QAM	1	0	19.67	19.71	19.74	21	0
5	16QAM	1	12	19.87	19.72	19.75		
5	16QAM	1	24	19.81	19.72	19.84		
5	16QAM	12	0	19.77	19.77	19.69	21	0
5	16QAM	12	7	19.65	19.62	19.70		
5	16QAM	12	13	19.76	19.72	19.72		
5	16QAM	25	0	19.76	19.67	19.68		
5	64QAM	1	0	19.78	19.83	19.74	21	0
5	64QAM	1	12	19.88	19.85	19.88		
5	64QAM	1	24	19.83	19.87	19.85		
5	64QAM	12	0	19.80	19.77	19.93	21	0
5	64QAM	12	7	19.91	19.78	19.78		
5	64QAM	12	13	19.87	19.79	19.90		
5	64QAM	25	0	19.80	19.81	19.82		
5	256QAM	1	0	18.15	18.06	18.23	19	2
5	256QAM	1	12	18.22	18.18	18.26		
5	256QAM	1	24	18.14	18.06	18.17		
5	256QAM	12	0	18.01	17.98	18.02	19	2
5	256QAM	12	7	18.02	17.98	18.09		
5	256QAM	12	13	18.02	17.91	18.01		
5	256QAM	25	0	18.09	18.01	18.11		

Band 17_ANT 0(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	20.20	20.29	20.25	21	0
10	QPSK	1	25	20.19	20.25	20.16		
10	QPSK	1	49	20.18	20.23	20.18		
10	QPSK	25	0	19.95	19.96	19.95	21	0
10	QPSK	25	12	19.91	19.87	19.92		
10	QPSK	25	25	19.87	19.88	19.87		
10	QPSK	50	0	19.84	19.85	19.82		
10	16QAM	1	0	19.72	19.75	19.80	21	0
10	16QAM	1	25	19.79	19.84	19.82		
10	16QAM	1	49	19.83	19.79	19.81		
10	16QAM	25	0	19.87	19.88	19.87	21	0
10	16QAM	25	12	19.95	19.90	19.98		
10	16QAM	25	25	19.91	19.91	19.92		
10	16QAM	50	0	19.86	19.85	19.85		
10	64QAM	1	0	20.05	19.96	20.07	21	0
10	64QAM	1	25	20.07	20.13	20.07		
10	64QAM	1	49	20.09	20.11	20.08		
10	64QAM	25	0	19.86	19.88	19.85	21	0
10	64QAM	25	12	19.96	19.86	19.93		
10	64QAM	25	25	19.89	19.87	19.89		
10	64QAM	50	0	19.84	19.85	19.86		
10	256QAM	1	0	17.92	17.90	17.88	19	2
10	256QAM	1	25	18.01	18.00	17.98		
10	256QAM	1	49	18.02	17.88	17.93		
10	256QAM	25	0	17.99	17.96	17.93	19	2
10	256QAM	25	12	17.94	18.02	17.95		
10	256QAM	25	25	17.92	17.90	17.94		
10	256QAM	50	0	17.89	17.91	17.92		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	20.15	20.23	20.24	21	0
5	QPSK	1	12	20.13	20.19	20.04		
5	QPSK	1	24	20.06	20.11	20.11		
5	QPSK	12	0	19.83	19.92	19.90	21	0
5	QPSK	12	7	19.83	19.80	19.85		
5	QPSK	12	13	19.74	19.79	19.74		
5	QPSK	25	0	19.73	19.78	19.70		
5	16QAM	1	0	19.64	19.64	19.71	21	0
5	16QAM	1	12	19.69	19.80	19.73		
5	16QAM	1	24	19.70	19.71	19.70		
5	16QAM	12	0	19.75	19.79	19.83	21	0
5	16QAM	12	7	19.85	19.80	19.95		
5	16QAM	12	13	19.87	19.80	19.82		
5	16QAM	25	0	19.75	19.73	19.77		
5	64QAM	1	0	20.01	19.83	20.01	21	0
5	64QAM	1	12	20.00	20.01	20.00		
5	64QAM	1	24	20.04	20.00	19.98		
5	64QAM	12	0	19.83	19.85	19.78	21	0
5	64QAM	12	7	19.86	19.73	19.83		
5	64QAM	12	13	19.80	19.76	19.76		
5	64QAM	25	0	19.71	19.78	19.82		
5	256QAM	1	0	17.95	17.88	17.93	19	2
5	256QAM	1	12	17.97	18.02	18.03		
5	256QAM	1	24	17.99	17.93	17.90		
5	256QAM	12	0	18.03	17.90	17.99	19	2
5	256QAM	12	7	17.98	17.98	17.99		
5	256QAM	12	13	17.95	17.95	17.93		
5	256QAM	25	0	17.88	17.93	17.89		

Band 25_ANT 2(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.15	22.20	22.08	22.8	0
20	QPSK	1	49	21.91	22.13	21.70		
20	QPSK	1	99	21.88	21.94	21.90		
20	QPSK	50	0	21.80	21.96	21.84	22.8	0
20	QPSK	50	24	21.79	21.90	21.80		
20	QPSK	50	50	21.63	21.87	21.72		
20	QPSK	100	0	21.83	21.89	21.74		
20	16QAM	1	0	21.92	22.16	21.82	22.8	0
20	16QAM	1	49	21.95	22.10	21.87		
20	16QAM	1	99	21.95	21.95	21.86		
20	16QAM	50	0	21.79	21.86	21.73	22.8	0
20	16QAM	50	24	21.79	21.86	21.90		
20	16QAM	50	50	21.83	21.82	21.78		
20	16QAM	100	0	21.86	21.95	21.79		
20	64QAM	1	0	22.01	22.05	21.69	22.8	0
20	64QAM	1	49	21.66	21.68	22.04		
20	64QAM	1	99	22.02	21.69	21.64		
20	64QAM	50	0	20.87	21.04	20.97	21.8	1
20	64QAM	50	24	21.04	21.02	21.04		
20	64QAM	50	50	20.92	21.06	20.95		
20	64QAM	100	0	20.93	21.10	20.94		
20	256QAM	1	0	19.56	19.55	19.50	19.8	3
20	256QAM	1	49	19.57	19.57	19.56		
20	256QAM	1	99	19.50	19.50	19.54		
20	256QAM	50	0	19.41	19.47	19.42	19.8	3
20	256QAM	50	24	19.49	19.48	19.44		
20	256QAM	50	50	19.52	19.52	19.48		
20	256QAM	100	0	19.48	19.46	19.43		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.97	22.08	21.89	22.8	0
15	QPSK	1	37	21.84	21.93	21.62		
15	QPSK	1	74	21.78	21.85	21.73		
15	QPSK	36	0	21.62	21.90	21.80	22.8	0
15	QPSK	36	20	21.77	21.77	21.75		
15	QPSK	36	39	21.45	21.74	21.62		
15	QPSK	75	0	21.80	21.74	21.64		
15	16QAM	1	0	21.83	22.00	21.60	22.8	0
15	16QAM	1	37	21.77	22.02	21.82		
15	16QAM	1	74	21.83	21.93	21.72		
15	16QAM	36	0	21.72	21.71	21.66	22.8	0
15	16QAM	36	20	21.57	21.66	21.68		
15	16QAM	36	39	21.62	21.76	21.58		
15	16QAM	75	0	21.71	21.77	21.63		
15	64QAM	1	0	21.91	21.83	21.66	22.8	0
15	64QAM	1	37	21.50	21.50	21.80		
15	64QAM	1	74	21.81	21.67	21.60		
15	64QAM	36	0	20.75	20.91	20.95	21.8	1
15	64QAM	36	20	20.91	20.85	20.95		
15	64QAM	36	39	20.75	20.89	20.73		
15	64QAM	75	0	20.84	20.98	20.83		
15	256QAM	1	0	19.51	19.56	19.51	19.8	3
15	256QAM	1	37	19.58	19.57	19.57		
15	256QAM	1	74	19.56	19.53	19.51		
15	256QAM	36	0	19.59	19.56	19.54	19.8	3
15	256QAM	36	20	19.54	19.54	19.56		
15	256QAM	36	39	19.59	19.56	19.52		
15	256QAM	75	0	19.50	19.45	19.54		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.95	22.01	21.95	22.8	0
10	QPSK	1	25	21.85	21.94	21.54		
10	QPSK	1	49	21.74	21.86	21.68		
10	QPSK	25	0	21.62	21.84	21.66	22.8	0
10	QPSK	25	12	21.59	21.75	21.58		
10	QPSK	25	25	21.58	21.76	21.62		
10	QPSK	50	0	21.78	21.77	21.56		
10	16QAM	1	0	21.73	21.95	21.79	22.8	0
10	16QAM	1	25	21.92	21.93	21.74		
10	16QAM	1	49	21.80	21.73	21.83		
10	16QAM	25	0	21.59	21.67	21.65	22.8	0
10	16QAM	25	12	21.68	21.75	21.88		
10	16QAM	25	25	21.71	21.75	21.64		
10	16QAM	50	0	21.72	21.75	21.57		
10	64QAM	1	0	21.89	21.70	21.52	22.8	0
10	64QAM	1	25	21.64	21.58	21.82		
10	64QAM	1	49	21.81	21.56	21.59		
10	64QAM	25	0	20.84	20.88	20.91	21.8	1
10	64QAM	25	12	20.85	21.00	20.88		
10	64QAM	25	25	20.80	20.99	20.88		
10	64QAM	50	0	20.86	21.08	20.83		
10	256QAM	1	0	19.52	19.45	19.53	19.8	3
10	256QAM	1	25	19.53	19.57	19.51		
10	256QAM	1	49	19.58	19.51	19.54		
10	256QAM	25	0	19.59	19.55	19.55	19.8	3
10	256QAM	25	12	19.57	19.56	19.58		
10	256QAM	25	25	19.56	19.46	19.55		
10	256QAM	50	0	19.57	19.54	19.59		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.06	22.01	21.88	22.8	0
5	QPSK	1	12	21.87	22.11	21.62		
5	QPSK	1	24	21.75	21.80	21.87		
5	QPSK	12	0	21.67	21.92	21.64	22.8	0
5	QPSK	12	7	21.77	21.68	21.60		
5	QPSK	12	13	21.55	21.80	21.52		
5	QPSK	25	0	21.61	21.70	21.55		
5	16QAM	1	0	21.87	22.06	21.63	22.8	0
5	16QAM	1	12	21.75	21.96	21.71		
5	16QAM	1	24	21.73	21.89	21.66		
5	16QAM	12	0	21.66	21.70	21.66	22.8	0
5	16QAM	12	7	21.72	21.84	21.87		
5	16QAM	12	13	21.62	21.61	21.59		
5	16QAM	25	0	21.68	21.87	21.76		
5	64QAM	1	0	21.96	22.02	21.59	22.8	0
5	64QAM	1	12	21.74	21.79	21.83		
5	64QAM	1	24	21.87	21.58	21.58		
5	64QAM	12	0	20.78	20.85	20.83	21.8	1
5	64QAM	12	7	21.00	20.80	20.90		
5	64QAM	12	13	20.89	20.98	20.86		
5	64QAM	25	0	20.79	21.08	20.84		
5	256QAM	1	0	19.52	19.46	19.51	19.8	3
5	256QAM	1	12	19.54	19.59	19.55		
5	256QAM	1	24	19.52	19.45	19.50		
5	256QAM	12	0	19.54	19.49	19.59	19.8	3
5	256QAM	12	7	19.53	19.58	19.56		
5	256QAM	12	13	19.55	19.54	19.55		
5	256QAM	25	0	19.58	19.46	19.56		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.04	21.99	22.05	22.8	0
3	QPSK	1	8	21.81	22.07	21.60		
3	QPSK	1	14	21.82	21.87	21.74		
3	QPSK	8	0	21.69	21.83	21.78	22.8	0
3	QPSK	8	4	21.70	21.74	21.59		
3	QPSK	8	7	21.42	21.70	21.61		
3	QPSK	15	0	21.81	21.74	21.54		
3	16QAM	1	0	21.77	22.00	21.64	22.8	0
3	16QAM	1	8	21.77	22.01	21.73		
3	16QAM	1	14	21.92	21.86	21.64		
3	16QAM	8	0	21.64	21.64	21.69	22.8	0
3	16QAM	8	4	21.57	21.82	21.69		
3	16QAM	8	7	21.74	21.72	21.70		
3	16QAM	15	0	21.65	21.77	21.72		
3	64QAM	1	0	21.97	21.98	21.62	22.8	0
3	64QAM	1	8	21.55	21.53	21.84		
3	64QAM	1	14	21.94	21.63	21.51		
3	64QAM	8	0	20.80	20.94	20.83	21.8	1
3	64QAM	8	4	20.92	20.92	20.90		
3	64QAM	8	7	20.83	20.94	20.74		
3	64QAM	15	0	20.83	21.06	20.89		
3	256QAM	1	0	19.50	19.46	19.56	19.8	3
3	256QAM	1	8	19.54	19.55	19.54		
3	256QAM	1	14	19.58	19.52	19.53		
3	256QAM	8	0	19.58	19.52	19.58	19.8	3
3	256QAM	8	4	19.56	19.51	19.51		
3	256QAM	8	7	19.56	19.55	19.50		
3	256QAM	15	0	19.57	19.46	19.50		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.97	22.00	21.95	22.8	0
1.4	QPSK	1	3	21.81	22.08	21.67		
1.4	QPSK	1	5	21.80	21.76	21.87		
1.4	QPSK	3	0	21.59	21.85	21.62		
1.4	QPSK	3	1	21.69	21.87	21.75		
1.4	QPSK	3	3	21.59	21.74	21.69		
1.4	QPSK	6	0	21.67	21.86	21.70	22.8	0
1.4	16QAM	1	0	21.78	21.98	21.78	22.8	0
1.4	16QAM	1	3	21.77	21.89	21.85		
1.4	16QAM	1	5	21.90	21.77	21.65		
1.4	16QAM	3	0	21.71	21.74	21.71		
1.4	16QAM	3	1	21.58	21.79	21.76		
1.4	16QAM	3	3	21.64	21.67	21.59		
1.4	16QAM	6	0	21.84	21.78	21.75	22.8	0
1.4	64QAM	1	0	21.83	21.80	21.57	22.8	0
1.4	64QAM	1	3	21.48	21.48	21.82		
1.4	64QAM	1	5	21.89	21.61	21.54		
1.4	64QAM	3	0	21.68	21.92	21.84		
1.4	64QAM	3	1	21.90	21.81	21.92		
1.4	64QAM	3	3	21.70	21.91	21.92		
1.4	64QAM	6	0	20.89	20.94	20.89	21.8	1
1.4	256QAM	1	0	19.51	19.56	19.54	19.8	3
1.4	256QAM	1	3	19.55	19.56	19.57		
1.4	256QAM	1	5	19.51	19.52	19.55		
1.4	256QAM	3	0	19.59	19.52	19.58		
1.4	256QAM	3	1	19.58	19.54	19.55		
1.4	256QAM	3	3	19.51	19.45	19.51		
1.4	256QAM	6	0	19.58	19.56	19.55	19.8	3

Band 26 for FCC_ANT 0(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				26765	26865	26965					
Frequency (MHz)				821.5	831.5	841.5					
15	QPSK	1	0	20.05	20.27	20.07	21	0	0.95	0.73	0.36
15	QPSK	1	37	20.04	20.00	20.04			1.00	0.96	
15	QPSK	1	74	19.91	19.97	19.95			1.09	1.03	
15	QPSK	36	0	19.93	20.12	19.98	21	0	1.07	0.88	0.38
15	QPSK	36	20	19.76	19.74	19.77			1.26	1.23	
15	QPSK	36	39	19.77	19.74	19.80			1.26	1.20	
15	QPSK	75	0	19.79	19.95	19.81			1.21	1.05	0.16
15	16QAM	1	0	19.69	19.63	19.70	21	0	1.37	1.30	0.32
15	16QAM	1	37	19.68	19.69	19.69			1.32	1.31	
15	16QAM	1	74	19.95	19.86	19.95			1.14	1.05	
15	16QAM	36	0	19.74	19.73	19.73	21	0	1.27	1.26	0.08
15	16QAM	36	20	19.79	19.75	19.81			1.25	1.19	
15	16QAM	36	39	19.79	19.76	19.78			1.24	1.21	
15	16QAM	75	0	19.81	19.75	19.82			1.25	1.18	0.07
15	64QAM	1	0	19.91	20.00	19.95	21	0	1.09	1.00	0.16
15	64QAM	1	37	19.94	19.90	19.96			1.10	1.04	
15	64QAM	1	74	19.84	19.84	19.89			1.16	1.11	
15	64QAM	36	0	19.72	19.73	19.76	21	0	1.28	1.24	0.09
15	64QAM	36	20	19.77	19.78	19.81			1.23	1.19	
15	64QAM	36	39	19.77	19.79	19.80			1.23	1.20	
15	64QAM	75	0	19.78	19.77	19.81			1.23	1.19	0.04
15	256QAM	1	0	18.10	17.98	17.99	19	2	1.02	0.90	0.19
15	256QAM	1	37	18.00	18.06	18.02			1.00	0.94	
15	256QAM	1	74	18.01	17.99	17.91			1.09	0.99	
15	256QAM	36	0	17.96	18.05	17.85	19	2	1.15	0.95	0.25
15	256QAM	36	20	17.95	17.86	17.88			1.14	1.05	
15	256QAM	36	39	17.86	17.80	17.87			1.20	1.13	
15	256QAM	75	0	17.92	17.88	17.89			1.12	1.08	0.04
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				819	831.5	844					
10	QPSK	1	0	20.02	20.25	20.05	21	0	0.98	0.75	0.42
10	QPSK	1	25	19.94	19.91	19.95			1.09	1.05	
10	QPSK	1	49	19.86	19.89	19.83			1.17	1.11	
10	QPSK	25	0	19.85	20.06	19.94	21	0	1.15	0.94	0.41
10	QPSK	25	12	19.65	19.71	19.73			1.35	1.27	
10	QPSK	25	25	19.72	19.70	19.77			1.30	1.23	
10	QPSK	50	0	19.67	19.89	19.69			1.33	1.11	0.22
10	16QAM	1	0	19.60	19.56	19.61	21	0	1.44	1.39	0.34
10	16QAM	1	25	19.55	19.65	19.58			1.45	1.35	
10	16QAM	1	49	19.89	19.74	19.84			1.26	1.11	
10	16QAM	25	0	19.62	19.65	19.61	21	0	1.39	1.35	0.17
10	16QAM	25	12	19.67	19.65	19.78			1.35	1.22	
10	16QAM	25	25	19.74	19.65	19.73			1.35	1.26	
10	16QAM	50	0	19.76	19.67	19.70			1.33	1.24	0.09
10	64QAM	1	0	19.86	19.96	19.91	21	0	1.14	1.04	0.22
10	64QAM	1	25	19.91	19.77	19.83			1.23	1.09	
10	64QAM	1	49	19.74	19.80	19.82			1.26	1.18	
10	64QAM	25	0	19.61	19.69	19.66	21	0	1.39	1.31	0.16
10	64QAM	25	12	19.64	19.74	19.77			1.36	1.23	
10	64QAM	25	25	19.71	19.66	19.73			1.34	1.27	
10	64QAM	50	0	19.75	19.70	19.77			1.30	1.23	0.07
10	256QAM	1	0	18.09	17.97	17.95	19	2	1.05	0.91	0.21
10	256QAM	1	25	17.99	17.98	18.02			1.02	0.98	
10	256QAM	1	49	18.05	17.88	18.02			1.12	0.95	
10	256QAM	25	0	17.95	17.81	18.08	19	2	1.19	0.92	0.28
10	256QAM	25	12	17.96	17.91	17.89			1.11	1.04	
10	256QAM	25	25	17.88	17.84	17.80			1.20	1.12	
10	256QAM	50	0	17.91	17.87	17.86			1.14	1.09	0.05
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				816.5	831.5	846.5					
5	QPSK	1	0	19.99	20.21	20.03	21	0	1.01	0.79	0.40
5	QPSK	1	12	19.98	19.90	19.97			1.10	1.02	
5	QPSK	1	24	19.81	19.93	19.89			1.19	1.07	
5	QPSK	12	0	19.85	20.00	19.95	21	0	1.15	1.00	0.37
5	QPSK	12	7	19.70	19.63	19.74			1.37	1.26	
5	QPSK	12	13	19.69	19.64	19.76			1.36	1.24	
5	QPSK	25	0	19.74	19.88	19.73			1.27	1.12	0.15
5	16QAM	1	0	19.61	19.58	19.63	21	0	1.42	1.37	0.33
5	16QAM	1	12	19.55	19.56	19.63			1.45	1.37	
5	16QAM	1	24	19.88	19.78	19.84			1.22	1.12	
5	16QAM	12	0	19.69	19.66	19.65	21	0	1.35	1.31	0.07
5	16QAM	12	7	19.66	19.72	19.70			1.34	1.28	
5	16QAM	12	13	19.67	19.66	19.65			1.35	1.33	
5	16QAM	25	0	19.69	19.70	19.69			1.31	1.30	0.01
5	64QAM	1	0	19.79	19.87	19.85	21	0	1.21	1.13	0.16
5	64QAM	1	12	19.90	19.79	19.83			1.21	1.10	
5	64QAM	1	24	19.79	19.74	19.85			1.26	1.15	
5	64QAM	12	0	19.64	19.66	19.67	21	0	1.36	1.33	0.12
5	64QAM	12	7	19.66	19.70	19.69			1.34	1.30	
5	64QAM	12	13	19.70	19.76	19.76			1.30	1.24	
5	64QAM	25	0	19.73	19.64	19.74			1.36	1.26	0.10
5	256QAM	1	0	18.14	18.00	17.99	19	2	1.01	0.86	0.19
5	256QAM	1	12	18.04	17.98	18.03			1.02	0.96	
5	256QAM	1	24	18.02	17.95	17.97			1.05	0.98	
5	256QAM	12	0	17.97	17.81	18.09	19	2	1.19	0.91	0.28
5	256QAM	12	7	17.96	17.92	17.84			1.16	1.04	
5	256QAM	12	13	17.82	17.91	17.82			1.18	1.09	
5	256QAM	25	0	17.89	17.85	17.88			1.15	1.11	0.04
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				815.5	831.5	847.5					
3	QPSK	1	0	19.98	20.24	20.06	21	0	1.02	0.76	0.44
3	QPSK	1	8	19.96	19.95	19.97			1.05	1.03	
3	QPSK	1	14	19.80	19.92	19.90			1.20	1.08	
3	QPSK	8	0	19.81	19.99	19.88	21	0	1.19	1.01	0.38
3	QPSK	8	4	19.73	19.61	19.70			1.39	1.27	
3	QPSK	8	7	19.71	19.69	19.68			1.32	1.29	
3	QPSK	15	0	19.72	19.92	19.70			1.30	1.08	0.22
3	16QAM	1	0	19.56	19.55	19.60	21	0	1.45	1.40	0.37
3	16QAM	1	8	19.56	19.65	19.59			1.44	1.35	
3	16QAM	1	14	19.92	19.83	19.86			1.17	1.08	
3	16QAM	8	0	19.63	19.65	19.67	21	0	1.37	1.33	0.13
3	16QAM	8	4	19.76	19.67	19.70			1.33	1.24	
3	16QAM	8	7	19.75	19.72	19.65			1.35	1.25	
3	16QAM	15	0	19.73	19.65	19.78			1.35	1.22	0.13
3	64QAM	1	0	19.78	19.87	19.92	21	0	1.22	1.08	0.16
3	64QAM	1	8	19.89	19.84	19.93			1.16	1.07	
3	64QAM	1	14	19.80	19.77	19.80			1.23	1.20	
3	64QAM	8	0	19.60	19.68	19.63	21	0	1.40	1.32	0.14
3	64QAM	8	4	19.64	19.65	19.74			1.36	1.26	
3	64QAM	8	7	19.69	19.72	19.68			1.32	1.28	
3	64QAM	15	0	19.71	19.64	19.73			1.36	1.27	0.09
3	256QAM	1	0	18.14	18.02	17.95	19	2	1.05	0.86	0.21
3	256QAM	1	8	18.01	18.01	18.03			0.99	0.97	
3	256QAM	1	14	18.05	17.93	18.03			1.07	0.95	
3	256QAM	8	0	17.92	17.86	18.08	19	2	1.14	0.92	0.32
3	256QAM	8	4	17.96	17.85	17.86			1.15	1.04	
3	256QAM	8	7	17.86	17.85	17.76			1.24	1.14	
3	256QAM	15	0	17.89	17.93	17.91			1.11	1.07	0.04
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				814.7	831.5	848.3					
1.4	QPSK	1	0	20.04	20.20	20.00	21	0	1.00	1.00	0.36
1.4	QPSK	1	3	19.97	19.93	19.97			1.07	1.07	
1.4	QPSK	1	5	19.84	19.89	19.87			1.16	1.16	
1.4	QPSK	3	0	19.80	20.02	19.92			1.20	1.20	0.40
1.4	QPSK	3	1	19.70	19.68	19.72			1.32	1.32	
1.4	QPSK	3	3	19.71	19.62	19.74			1.38	1.38	
1.4	QPSK	6	0	19.72	19.89	19.71	21	0	1.29	1.29	0.18
1.4	16QAM	1	0	19.56	19.53	19.66	21	0	1.47	1.47	0.37
1.4	16QAM	1	3	19.64	19.56	19.63			1.44	1.44	
1.4	16QAM	1	5	19.90	19.77	19.90			1.23	1.23	
1.4	16QAM	3	0	19.61	19.60	19.60			1.40	1.40	0.15
1.4	16QAM	3	1	19.68	19.69	19.71			1.32	1.32	
1.4	16QAM	3	3	19.67	19.66	19.75			1.34	1.34	
1.4	16QAM	6	0	19.72	19.68	19.70	21	0	1.32	1.32	0.04
1.4	64QAM	1	0	19.87	19.96	19.86	21	0	1.14	1.14	0.23
1.4	64QAM	1	3	19.85	19.86	19.84			1.16	1.16	
1.4	64QAM	1	5	19.81	19.73	19.81			1.27	1.27	
1.4	64QAM	3	0	19.63	19.67	19.71			1.37	1.37	0.08
1.4	64QAM	3	1	19.66	19.68	19.71			1.34	1.34	
1.4	64QAM	3	3	19.70	19.71	19.71			1.30	1.30	
1.4	64QAM	6	0	19.69	19.71	19.72	21	0	1.31	1.31	0.03
1.4	256QAM	1	0	18.14	18.02	17.94	19	2	1.06	1.06	0.26
1.4	256QAM	1	3	18.03	18.06	18.03			0.97	0.97	
1.4	256QAM	1	5	17.98	17.88	17.95			1.12	1.12	
1.4	256QAM	3	0	17.99	17.89	18.01			1.11	1.11	0.22
1.4	256QAM	3	1	17.97	17.89	17.84			1.16	1.16	
1.4	256QAM	3	3	17.82	17.89	17.79			1.21	1.21	
1.4	256QAM	6	0	17.95	17.89	17.89	19	2	1.11	1.11	0.06

Band 30_ANT 2(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.25		21	0
10	QPSK	1	25		19.97			
10	QPSK	1	49		20.03			
10	QPSK	25	0		20.18		21	0
10	QPSK	25	12		19.96			
10	QPSK	25	25		19.97			
10	QPSK	50	0		20.05			
10	16QAM	1	0		20.18		21	0
10	16QAM	1	25		20.14			
10	16QAM	1	49		20.15			
10	16QAM	25	0		20.05		21	0
10	16QAM	25	12		19.94			
10	16QAM	25	25		19.99			
10	16QAM	50	0		19.97			
10	64QAM	1	0		20.13		21	0
10	64QAM	1	25		20.11			
10	64QAM	1	49		19.91			
10	64QAM	25	0		19.96		21	0
10	64QAM	25	12		19.99			
10	64QAM	25	25		19.99			
10	64QAM	50	0		19.93			
10	256QAM	1	0		18.54		19.8	1.2
10	256QAM	1	25		18.77			
10	256QAM	1	49		18.53			
10	256QAM	25	0		18.49		19.8	1.2
10	256QAM	25	12		18.52			
10	256QAM	25	25		18.54			
10	256QAM	50	0		18.47			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.82	19.86	19.89	21	0
5	QPSK	1	12	19.90	19.94	19.93		
5	QPSK	1	24	19.83	19.85	19.80		
5	QPSK	12	0	19.75	19.82	19.88	21	0
5	QPSK	12	7	19.87	19.88	19.95		
5	QPSK	12	13	19.87	19.84	19.87		
5	QPSK	25	0	19.83	19.82	19.91		
5	16QAM	1	0	19.95	19.99	19.92	21	0
5	16QAM	1	12	19.76	19.85	19.79		
5	16QAM	1	24	19.97	19.89	19.86		
5	16QAM	12	0	19.80	19.88	19.95	21	0
5	16QAM	12	7	19.95	19.95	19.98		
5	16QAM	12	13	19.91	19.91	19.91		
5	16QAM	25	0	19.86	19.84	19.90		
5	64QAM	1	0	19.70	19.90	19.87	21	0
5	64QAM	1	12	19.79	19.91	19.85		
5	64QAM	1	24	19.76	19.80	19.89		
5	64QAM	12	0	19.77	19.88	19.92	21	0
5	64QAM	12	7	19.94	19.90	19.94		
5	64QAM	12	13	19.89	19.84	19.89		
5	64QAM	25	0	19.84	19.86	19.92		
5	256QAM	1	0	18.90	18.96	18.92	19.8	1.2
5	256QAM	1	12	18.95	18.96	18.92		
5	256QAM	1	24	18.94	18.86	18.90		
5	256QAM	12	0	18.90	18.91	18.91	19.8	1.2
5	256QAM	12	7	18.80	18.88	18.85		
5	256QAM	12	13	18.86	18.88	18.84		
5	256QAM	25	0	18.84	18.91	18.88		

Band 66_ANT 2(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.27	21.33	21.18	22	0
20	QPSK	1	49	21.25	21.30	21.00		
20	QPSK	1	99	20.97	21.10	20.86		
20	QPSK	50	0	21.17	21.19	21.18	22	0
20	QPSK	50	24	21.10	21.18	21.09		
20	QPSK	50	50	21.11	21.14	21.04		
20	QPSK	100	0	21.13	21.19	21.12		
20	16QAM	1	0	21.19	21.10	21.02	22	0
20	16QAM	1	49	21.18	21.14	21.13		
20	16QAM	1	99	21.18	21.16	21.04		
20	16QAM	50	0	21.16	21.15	21.17	22	0
20	16QAM	50	24	21.11	21.18	21.08		
20	16QAM	50	50	21.12	21.13	21.04		
20	16QAM	100	0	21.12	21.17	21.15		
20	64QAM	1	0	21.10	21.18	21.16	22	0
20	64QAM	1	49	21.15	21.19	21.06		
20	64QAM	1	99	21.11	21.16	21.16		
20	64QAM	50	0	21.02	21.15	20.75	21.8	0.2
20	64QAM	50	24	21.06	21.11	20.61		
20	64QAM	50	50	21.15	21.12	20.95		
20	64QAM	100	0	21.17	21.18	20.78		
20	256QAM	1	0	19.39	19.53	19.47	19.8	2.2
20	256QAM	1	49	19.25	19.64	19.53		
20	256QAM	1	99	19.55	19.48	19.41		
20	256QAM	50	0	19.35	19.49	19.40	19.8	2.2
20	256QAM	50	24	19.47	19.44	19.42		
20	256QAM	50	50	19.48	19.47	19.38		
20	256QAM	100	0	19.45	19.48	19.39		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.08	21.25	21.09	22	0
15	QPSK	1	37	21.14	21.10	20.78		
15	QPSK	1	74	20.95	20.89	20.78		
15	QPSK	36	0	21.08	21.07	21.08	22	0
15	QPSK	36	20	20.90	21.10	20.98		
15	QPSK	36	39	21.02	21.04	20.95		
15	QPSK	75	0	20.94	21.16	21.10		
15	16QAM	1	0	21.06	21.00	20.87	22	0
15	16QAM	1	37	21.16	20.93	21.01		
15	16QAM	1	74	20.98	21.02	20.82		
15	16QAM	36	0	21.00	21.03	21.11	22	0
15	16QAM	36	20	20.94	21.11	20.86		
15	16QAM	36	39	20.97	21.01	21.00		
15	16QAM	75	0	21.09	20.99	20.98		
15	64QAM	1	0	21.01	21.07	20.96	22	0
15	64QAM	1	37	21.13	21.04	20.92		
15	64QAM	1	74	20.89	20.99	20.95		
15	64QAM	36	0	20.93	21.08	20.87	21.8	0.2
15	64QAM	36	20	21.04	20.99	20.83		
15	64QAM	36	39	21.03	20.95	20.92		
15	64QAM	75	0	20.99	21.09	20.65		
15	256QAM	1	0	19.57	19.46	19.59	19.8	2.2
15	256QAM	1	37	19.55	19.53	19.51		
15	256QAM	1	74	19.56	19.59	19.48		
15	256QAM	36	0	19.46	19.50	19.47	19.8	2.2
15	256QAM	36	20	19.49	19.53	19.45		
15	256QAM	36	39	19.48	19.52	19.47		
15	256QAM	75	0	19.48	19.54	19.54		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.05	21.22	21.14	22	0
10	QPSK	1	25	21.09	21.17	20.91		
10	QPSK	1	49	20.90	20.91	20.82		
10	QPSK	25	0	21.02	20.97	21.07	22	0
10	QPSK	25	12	21.02	21.10	20.91		
10	QPSK	25	25	21.05	20.92	20.99		
10	QPSK	50	0	20.97	20.97	21.07		
10	16QAM	1	0	21.14	20.89	20.83	22	0
10	16QAM	1	25	20.97	21.00	20.98		
10	16QAM	1	49	21.04	20.95	21.02		
10	16QAM	25	0	20.97	21.12	21.04	22	0
10	16QAM	25	12	21.00	21.08	20.97		
10	16QAM	25	25	20.99	21.09	20.90		
10	16QAM	50	0	21.00	20.97	20.96		
10	64QAM	1	0	21.01	21.14	20.95	22	0
10	64QAM	1	25	20.98	21.14	21.04		
10	64QAM	1	49	20.92	21.08	21.14		
10	64QAM	25	0	20.83	21.09	20.78	21.8	0.2
10	64QAM	25	12	20.96	20.94	20.74		
10	64QAM	25	25	21.09	20.96	20.84		
10	64QAM	50	0	21.07	21.13	20.67		
10	256QAM	1	0	19.54	19.54	19.52	19.8	2.2
10	256QAM	1	25	19.50	19.52	19.48		
10	256QAM	1	49	19.58	19.52	19.47		
10	256QAM	25	0	19.54	19.51	19.50	19.8	2.2
10	256QAM	25	12	19.54	19.53	19.47		
10	256QAM	25	25	19.59	19.52	19.45		
10	256QAM	50	0	19.51	19.53	19.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.10	21.23	21.12	22	0
5	QPSK	1	12	21.16	21.25	20.88		
5	QPSK	1	24	21.06	21.08	20.88		
5	QPSK	12	0	21.09	21.15	21.12	22	0
5	QPSK	12	7	20.96	21.16	21.07		
5	QPSK	12	13	21.03	21.09	20.93		
5	QPSK	25	0	21.09	21.14	21.06		
5	16QAM	1	0	21.04	20.97	20.95	22	0
5	16QAM	1	12	21.06	21.11	21.04		
5	16QAM	1	24	21.08	20.96	20.82		
5	16QAM	12	0	21.08	20.98	21.12	22	0
5	16QAM	12	7	20.92	21.02	20.90		
5	16QAM	12	13	20.91	20.92	20.93		
5	16QAM	25	0	21.09	20.99	21.03		
5	64QAM	1	0	20.95	21.15	21.03	22	0
5	64QAM	1	12	20.98	21.08	21.01		
5	64QAM	1	24	20.96	21.04	21.06		
5	64QAM	12	0	20.98	20.96	20.73	21.8	0.2
5	64QAM	12	7	21.03	20.91	20.57		
5	64QAM	12	13	21.05	21.07	20.78		
5	64QAM	25	0	21.02	21.14	20.62		
5	256QAM	1	0	19.56	19.59	19.48	19.8	2.2
5	256QAM	1	12	19.56	19.51	19.56		
5	256QAM	1	24	19.49	19.56	19.53		
5	256QAM	12	0	19.46	19.56	19.49	19.8	2.2
5	256QAM	12	7	19.57	19.53	19.46		
5	256QAM	12	13	19.59	19.51	19.59		
5	256QAM	25	0	19.52	19.58	19.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.16	21.19	21.08	22	0
3	QPSK	1	8	21.05	21.28	20.83		
3	QPSK	1	14	20.95	21.04	20.94		
3	QPSK	8	0	21.13	21.01	21.00	22	0
3	QPSK	8	4	20.95	21.07	20.94		
3	QPSK	8	7	21.06	20.97	20.96		
3	QPSK	15	0	20.93	21.04	20.95		
3	16QAM	1	0	21.09	20.93	20.88	22	0
3	16QAM	1	8	21.11	21.08	21.00		
3	16QAM	1	14	21.05	21.13	20.84		
3	16QAM	8	0	21.03	20.94	21.05	22	0
3	16QAM	8	4	20.99	21.01	20.91		
3	16QAM	8	7	21.05	21.11	20.88		
3	16QAM	15	0	20.94	21.12	21.08		
3	64QAM	1	0	21.06	21.02	21.12	22	0
3	64QAM	1	8	20.98	21.15	20.84		
3	64QAM	1	14	21.05	21.01	20.94		
3	64QAM	8	0	20.84	20.95	20.75	21.8	0.2
3	64QAM	8	4	21.04	20.97	20.72		
3	64QAM	8	7	20.98	21.10	20.87		
3	64QAM	15	0	21.05	21.08	20.63		
3	256QAM	1	0	19.58	19.57	19.55	19.8	2.2
3	256QAM	1	8	19.56	19.54	19.55		
3	256QAM	1	14	19.55	19.58	19.55		
3	256QAM	8	0	19.52	19.54	19.47	19.8	2.2
3	256QAM	8	4	19.48	19.59	19.53		
3	256QAM	8	7	19.45	19.55	19.55		
3	256QAM	15	0	19.58	19.52	19.59		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.18	21.15	21.06	22	0
1.4	QPSK	1	3	21.03	21.10	20.85		
1.4	QPSK	1	5	20.84	20.95	20.83		
1.4	QPSK	3	0	21.05	21.05	20.96		
1.4	QPSK	3	1	20.99	21.11	20.93		
1.4	QPSK	3	3	20.99	21.12	20.91		
1.4	QPSK	6	0	21.03	21.17	20.93	22	0
1.4	16QAM	1	0	21.14	21.05	20.84	22	0
1.4	16QAM	1	3	21.10	21.03	21.05		
1.4	16QAM	1	5	21.16	21.14	20.84		
1.4	16QAM	3	0	21.05	21.09	21.07		
1.4	16QAM	3	1	21.02	21.02	20.94		
1.4	16QAM	3	3	21.05	21.04	20.94		
1.4	16QAM	6	0	20.96	21.13	21.07	22	0
1.4	64QAM	1	0	20.88	21.07	20.97	22	0
1.4	64QAM	1	3	21.13	21.14	20.91		
1.4	64QAM	1	5	20.99	21.08	21.05		
1.4	64QAM	3	0	20.92	20.93	20.61		
1.4	64QAM	3	1	20.97	21.06	20.66		
1.4	64QAM	3	3	21.08	20.96	20.77		
1.4	64QAM	6	0	20.99	21.15	20.57	21.8	0.2
1.4	256QAM	1	0	19.45	19.52	19.54	19.8	2.2
1.4	256QAM	1	3	19.53	19.56	19.49		
1.4	256QAM	1	5	19.52	19.55	19.46		
1.4	256QAM	3	0	19.47	19.56	19.51		
1.4	256QAM	3	1	19.48	19.56	19.52		
1.4	256QAM	3	3	19.56	19.59	19.51		
1.4	256QAM	6	0	19.56	19.59	19.45	19.8	2.2

Band 66_ANT 5(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.06	18.08	18.07	18.8	0
20	QPSK	1	49	18.05	17.97	18.03		
20	QPSK	1	99	18.02	18.02	18.06		
20	QPSK	50	0	18.04	18.07	18.05	18.8	0
20	QPSK	50	24	18.02	17.99	17.99		
20	QPSK	50	50	17.95	18.06	17.99		
20	QPSK	100	0	18.03	18.05	17.94		
20	16QAM	1	0	18.02	18.01	18.00	18.8	0
20	16QAM	1	49	18.02	18.06	17.97		
20	16QAM	1	99	18.04	17.98	17.97		
20	16QAM	50	0	17.94	18.04	17.93	18.8	0
20	16QAM	50	24	17.98	17.93	18.03		
20	16QAM	50	50	18.00	17.97	18.01		
20	16QAM	100	0	17.94	18.02	17.97		
20	64QAM	1	0	18.00	18.06	17.97	18.8	0
20	64QAM	1	49	17.95	18.03	17.95		
20	64QAM	1	99	18.00	18.06	17.96		
20	64QAM	50	0	17.99	17.99	18.03	18.8	0
20	64QAM	50	24	17.94	17.93	18.06		
20	64QAM	50	50	18.01	18.05	17.95		
20	64QAM	100	0	17.97	17.94	18.02		
20	256QAM	1	0	17.96	17.98	18.06	18.8	0
20	256QAM	1	49	17.94	17.96	18.03		
20	256QAM	1	99	18.02	17.93	17.98		
20	256QAM	50	0	17.93	18.06	18.05	18.8	0
20	256QAM	50	24	18.06	18.01	18.01		
20	256QAM	50	50	17.95	17.97	18.05		
20	256QAM	100	0	18.05	17.96	17.95		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.95	18.07	18.03	18.8	0
15	QPSK	1	37	17.95	17.93	17.92		
15	QPSK	1	74	17.94	17.91	17.99		
15	QPSK	36	0	17.90	17.99	17.93	18.8	0
15	QPSK	36	20	17.99	17.90	17.93		
15	QPSK	36	39	17.86	17.97	17.92		
15	QPSK	75	0	17.96	18.01	17.84		
15	16QAM	1	0	17.98	17.89	17.88	18.8	0
15	16QAM	1	37	17.89	17.94	17.93		
15	16QAM	1	74	17.95	17.88	17.87		
15	16QAM	36	0	17.91	17.91	17.90	18.8	0
15	16QAM	36	20	17.95	17.84	17.95		
15	16QAM	36	39	17.92	17.92	17.90		
15	16QAM	75	0	17.83	17.91	17.86		
15	64QAM	1	0	17.95	17.99	17.86	18.8	0
15	64QAM	1	37	17.88	17.98	17.89		
15	64QAM	1	74	17.93	18.03	17.90		
15	64QAM	36	0	17.95	17.94	17.93	18.8	0
15	64QAM	36	20	17.85	17.82	18.01		
15	64QAM	36	39	17.98	17.95	17.83		
15	64QAM	75	0	17.85	17.85	17.95		
15	256QAM	1	0	17.92	17.90	17.99	18.8	0
15	256QAM	1	37	17.85	17.83	17.97		
15	256QAM	1	74	17.92	17.90	17.91		
15	256QAM	36	0	17.82	17.99	18.00	18.8	0
15	256QAM	36	20	17.96	17.92	17.92		
15	256QAM	36	39	17.82	17.92	17.93		
15	256QAM	75	0	17.93	17.92	17.92		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.92	18.03	18.02	18.8	0
10	QPSK	1	25	17.97	17.94	17.96		
10	QPSK	1	49	17.94	17.99	17.93		
10	QPSK	25	0	17.81	18.00	17.97	18.8	0
10	QPSK	25	12	17.95	17.89	17.89		
10	QPSK	25	25	17.88	17.98	17.95		
10	QPSK	50	0	17.97	17.92	17.82		
10	16QAM	1	0	17.94	17.96	17.97	18.8	0
10	16QAM	1	25	17.96	17.99	17.90		
10	16QAM	1	49	17.96	17.90	17.85		
10	16QAM	25	0	17.83	18.00	17.86	18.8	0
10	16QAM	25	12	17.88	17.80	17.98		
10	16QAM	25	25	17.93	17.84	17.94		
10	16QAM	50	0	17.87	17.89	17.93		
10	64QAM	1	0	17.94	18.01	17.85	18.8	0
10	64QAM	1	25	17.83	17.92	17.90		
10	64QAM	1	49	17.96	17.94	17.87		
10	64QAM	25	0	17.88	17.88	17.92	18.8	0
10	64QAM	25	12	17.81	17.85	17.98		
10	64QAM	25	25	17.98	18.02	17.91		
10	64QAM	50	0	17.87	17.84	17.97		
10	256QAM	1	0	17.85	17.92	17.94	18.8	0
10	256QAM	1	25	17.91	17.90	17.99		
10	256QAM	1	49	17.90	17.87	17.90		
10	256QAM	25	0	17.82	17.93	17.96	18.8	0
10	256QAM	25	12	17.95	17.93	17.89		
10	256QAM	25	25	17.86	17.86	17.94		
10	256QAM	50	0	17.95	17.86	17.91		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.92	18.03	18.01	18.8	0
5	QPSK	1	12	17.93	17.93	17.92		
5	QPSK	1	24	17.91	17.96	17.99		
5	QPSK	12	0	17.90	17.99	17.99	18.8	0
5	QPSK	12	7	17.99	17.90	17.94		
5	QPSK	12	13	17.82	17.97	17.94		
5	QPSK	25	0	17.95	17.96	17.90		
5	16QAM	1	0	17.98	17.92	17.92	18.8	0
5	16QAM	1	12	17.93	18.03	17.85		
5	16QAM	1	24	17.99	17.86	17.94		
5	16QAM	12	0	17.91	17.97	17.88	18.8	0
5	16QAM	12	7	17.88	17.87	17.90		
5	16QAM	12	13	17.93	17.88	17.95		
5	16QAM	25	0	17.91	17.91	17.91		
5	64QAM	1	0	17.95	18.03	17.84	18.8	0
5	64QAM	1	12	17.83	17.90	17.83		
5	64QAM	1	24	17.94	18.00	17.93		
5	64QAM	12	0	17.92	17.87	17.95	18.8	0
5	64QAM	12	7	17.86	17.89	18.02		
5	64QAM	12	13	17.88	18.00	17.90		
5	64QAM	25	0	17.92	17.89	17.99		
5	256QAM	1	0	17.88	17.92	18.01	18.8	0
5	256QAM	1	12	17.84	17.92	17.96		
5	256QAM	1	24	17.89	17.83	17.93		
5	256QAM	12	0	17.84	18.01	18.01	18.8	0
5	256QAM	12	7	17.96	17.96	17.91		
5	256QAM	12	13	17.91	17.84	17.94		
5	256QAM	25	0	17.94	17.83	17.92		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.98	18.07	18.00	18.8	0
3	QPSK	1	8	17.93	17.88	17.96		
3	QPSK	1	14	17.91	17.93	17.98		
3	QPSK	8	0	17.87	17.98	17.98	18.8	0
3	QPSK	8	4	17.89	17.93	17.96		
3	QPSK	8	7	17.82	17.99	17.95		
3	QPSK	15	0	17.97	17.97	17.82		
3	16QAM	1	0	17.98	17.97	17.94	18.8	0
3	16QAM	1	8	17.99	17.97	17.89		
3	16QAM	1	14	17.96	17.93	17.92		
3	16QAM	8	0	17.91	17.98	17.86	18.8	0
3	16QAM	8	4	17.87	17.81	17.99		
3	16QAM	8	7	17.91	17.93	17.92		
3	16QAM	15	0	17.91	17.93	17.93		
3	64QAM	1	0	17.90	17.93	17.91	18.8	0
3	64QAM	1	8	17.86	17.90	17.86		
3	64QAM	1	14	17.95	17.99	17.91		
3	64QAM	8	0	17.96	17.88	17.92	18.8	0
3	64QAM	8	4	17.90	17.82	17.96		
3	64QAM	8	7	17.98	17.93	17.86		
3	64QAM	15	0	17.89	17.81	17.96		
3	256QAM	1	0	17.84	17.91	18.00	18.8	0
3	256QAM	1	8	17.90	17.84	17.94		
3	256QAM	1	14	17.96	17.89	17.95		
3	256QAM	8	0	17.85	17.93	18.01	18.8	0
3	256QAM	8	4	18.00	17.98	17.94		
3	256QAM	8	7	17.89	17.91	17.94		
3	256QAM	15	0	17.96	17.92	17.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.98	18.04	18.02	18.8	0
1.4	QPSK	1	3	17.98	17.84	17.95		
1.4	QPSK	1	5	17.91	17.90	17.96		
1.4	QPSK	3	0	17.85	17.95	17.98		
1.4	QPSK	3	1	17.99	17.95	17.92		
1.4	QPSK	3	3	17.85	18.00	17.91		
1.4	QPSK	6	0	17.98	18.02	17.87	18.8	0
1.4	16QAM	1	0	17.91	17.97	17.91	18.8	0
1.4	16QAM	1	3	17.93	17.97	17.93		
1.4	16QAM	1	5	17.91	17.95	17.86		
1.4	16QAM	3	0	17.82	17.95	17.83		
1.4	16QAM	3	1	17.87	17.82	17.95		
1.4	16QAM	3	3	17.89	17.87	17.90		
1.4	16QAM	6	0	17.88	17.96	17.88	18.8	0
1.4	64QAM	1	0	17.87	17.95	17.90	18.8	0
1.4	64QAM	1	3	17.92	17.98	17.91		
1.4	64QAM	1	5	17.91	17.97	17.83		
1.4	64QAM	3	0	17.89	17.90	17.93		
1.4	64QAM	3	1	17.88	17.89	17.99		
1.4	64QAM	3	3	17.93	17.93	17.85		
1.4	64QAM	6	0	17.86	17.86	17.91	18.8	0
1.4	256QAM	1	0	17.92	17.86	18.00	18.8	0
1.4	256QAM	1	3	17.81	17.86	17.97		
1.4	256QAM	1	5	17.89	17.81	17.85		
1.4	256QAM	3	0	17.90	18.00	17.94		
1.4	256QAM	3	1	18.02	17.93	17.92		
1.4	256QAM	3	3	17.84	17.84	17.94		
1.4	256QAM	6	0	17.93	17.83	17.82	18.8	0

Band 71_ANT 0(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.87	22.95	22.82	24	0
20	QPSK	1	49	22.86	22.88	22.80		
20	QPSK	1	99	22.80	22.82	22.81		
20	QPSK	50	0	21.91	21.92	21.91	23	1
20	QPSK	50	24	21.89	21.89	21.89		
20	QPSK	50	50	21.80	21.81	21.80		
20	QPSK	100	0	21.86	21.90	21.88		
20	16QAM	1	0	22.04	22.06	22.10	23	1
20	16QAM	1	49	21.92	21.95	22.08		
20	16QAM	1	99	22.05	21.86	22.01		
20	16QAM	50	0	20.84	21.00	20.95	22	2
20	16QAM	50	24	20.98	20.87	20.87		
20	16QAM	50	50	20.94	20.86	20.83		
20	16QAM	100	0	20.95	20.93	20.87		
20	64QAM	1	0	20.95	21.06	21.00	22	2
20	64QAM	1	49	21.07	21.07	21.02		
20	64QAM	1	99	21.02	20.80	20.90		
20	64QAM	50	0	19.84	19.90	19.94	21	3
20	64QAM	50	24	19.93	19.91	19.77		
20	64QAM	50	50	19.89	19.89	19.88		
20	64QAM	100	0	19.94	19.97	19.89		
20	256QAM	1	0	18.05	18.00	18.07	19	5
20	256QAM	1	49	18.07	18.12	18.17		
20	256QAM	1	99	18.06	18.03	18.13		
20	256QAM	50	0	17.89	17.91	17.93	19	5
20	256QAM	50	24	17.91	17.92	17.90		
20	256QAM	50	50	18.00	17.90	17.98		
20	256QAM	100	0	17.97	17.99	17.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.81	22.85	22.86	24	0
15	QPSK	1	37	22.80	22.88	22.90		
15	QPSK	1	74	22.82	22.86	22.87		
15	QPSK	36	0	21.84	21.85	21.89	23	1
15	QPSK	36	20	21.89	21.87	21.85		
15	QPSK	36	39	21.86	21.90	21.88		
15	QPSK	75	0	21.90	21.86	21.90		
15	16QAM	1	0	21.91	22.01	21.91	23	1
15	16QAM	1	37	21.93	22.12	22.03		
15	16QAM	1	74	21.98	21.99	22.05		
15	16QAM	36	0	20.88	20.89	20.91	22	2
15	16QAM	36	20	20.89	20.88	20.88		
15	16QAM	36	39	20.92	20.93	20.92		
15	16QAM	75	0	20.87	20.92	20.91		
15	64QAM	1	0	20.88	21.06	20.94	22	2
15	64QAM	1	37	20.95	20.99	21.00		
15	64QAM	1	74	21.01	21.06	21.05		
15	64QAM	36	0	19.85	19.88	19.88	21	3
15	64QAM	36	20	19.88	19.89	19.91		
15	64QAM	36	39	19.86	19.85	19.92		
15	64QAM	75	0	19.93	19.91	19.86		
15	256QAM	1	0	18.02	18.11	18.02	19	5
15	256QAM	1	37	18.06	18.18	18.14		
15	256QAM	1	74	18.08	18.14	18.07		
15	256QAM	36	0	17.87	17.91	17.90	19	5
15	256QAM	36	20	17.90	17.88	17.96		
15	256QAM	36	39	17.99	18.02	17.88		
15	256QAM	75	0	17.99	17.94	18.03		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.94	22.91	22.93	24	0
10	QPSK	1	25	22.92	22.93	22.94		
10	QPSK	1	49	22.93	22.91	22.91		
10	QPSK	25	0	21.97	21.97	22.00	23	1
10	QPSK	25	12	22.06	22.05	21.98		
10	QPSK	25	25	22.02	22.02	22.01		
10	QPSK	50	0	21.98	21.99	21.96		
10	16QAM	1	0	22.14	22.11	22.09	23	1
10	16QAM	1	25	22.06	22.12	22.10		
10	16QAM	1	49	22.11	22.07	22.06		
10	16QAM	25	0	20.97	21.02	20.99	22	2
10	16QAM	25	12	21.04	21.06	21.00		
10	16QAM	25	25	21.01	21.08	21.05		
10	16QAM	50	0	21.00	21.04	21.01		
10	64QAM	1	0	21.03	21.09	21.08	22	2
10	64QAM	1	25	21.14	21.15	21.16		
10	64QAM	1	49	21.06	21.09	21.12		
10	64QAM	25	0	19.99	19.94	19.95	21	3
10	64QAM	25	12	20.03	20.00	19.98		
10	64QAM	25	25	19.95	19.98	20.00		
10	64QAM	50	0	19.98	20.01	19.97		
10	256QAM	1	0	18.02	18.03	17.96	19	5
10	256QAM	1	25	18.07	18.18	18.08		
10	256QAM	1	49	18.05	18.10	18.07		
10	256QAM	25	0	17.92	17.93	17.94	19	5
10	256QAM	25	12	17.92	17.87	17.90		
10	256QAM	25	25	17.96	17.98	17.93		
10	256QAM	50	0	17.95	17.86	18.01		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.89	22.87	22.90	24	0
5	QPSK	1	12	22.92	22.94	22.94		
5	QPSK	1	24	22.94	22.92	22.86		
5	QPSK	12	0	21.92	21.96	21.99	23	1
5	QPSK	12	7	22.03	22.08	22.04		
5	QPSK	12	13	22.01	21.99	22.03		
5	QPSK	25	0	21.96	22.00	21.98		
5	16QAM	1	0	22.12	22.10	22.14	23	1
5	16QAM	1	12	22.11	22.07	22.16		
5	16QAM	1	24	22.03	22.06	22.12		
5	16QAM	12	0	20.97	20.96	20.94	22	2
5	16QAM	12	7	21.04	21.08	21.09		
5	16QAM	12	13	21.00	21.01	21.04		
5	16QAM	25	0	20.98	21.02	21.04		
5	64QAM	1	0	21.11	21.09	21.06	22	2
5	64QAM	1	12	21.17	21.19	21.14		
5	64QAM	1	24	21.11	21.06	21.11		
5	64QAM	12	0	19.97	20.00	20.01	21	3
5	64QAM	12	7	20.01	20.03	20.04		
5	64QAM	12	13	19.99	20.02	20.03		
5	64QAM	25	0	20.01	19.98	20.02		
5	256QAM	1	0	18.06	18.11	18.03	19	5
5	256QAM	1	12	18.11	18.13	18.09		
5	256QAM	1	24	18.09	18.09	18.00		
5	256QAM	12	0	17.88	17.96	17.88	19	5
5	256QAM	12	7	17.94	17.87	17.93		
5	256QAM	12	13	17.99	18.02	17.89		
5	256QAM	25	0	17.98	17.87	17.96		

Band 2_ANT 2(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.04	21.17	21.03	22	0
20	QPSK	1	49	20.77	21.14	20.75		
20	QPSK	1	99	20.73	20.76	20.74		
20	QPSK	50	0	20.96	20.99	20.98	22	0
20	QPSK	50	24	20.85	20.94	20.91		
20	QPSK	50	50	20.85	20.97	20.89		
20	QPSK	100	0	20.83	20.90	20.95		
20	16QAM	1	0	20.89	21.06	21.11	22	0
20	16QAM	1	49	20.84	21.08	21.03		
20	16QAM	1	99	20.61	21.07	21.11		
20	16QAM	50	0	20.81	20.87	20.75	22	0
20	16QAM	50	24	20.80	20.83	20.88		
20	16QAM	50	50	20.84	20.74	20.85		
20	16QAM	100	0	20.85	20.82	20.82		
20	64QAM	1	0	20.71	20.98	20.91	22	0
20	64QAM	1	49	20.90	20.86	21.05		
20	64QAM	1	99	21.02	21.10	21.04		
20	64QAM	50	0	20.89	20.81	20.75	21.8	0.2
20	64QAM	50	24	21.01	20.75	20.76		
20	64QAM	50	50	20.86	20.58	20.81		
20	64QAM	100	0	20.91	20.81	20.92		
20	256QAM	1	0	19.29	19.45	19.47	19.8	2.2
20	256QAM	1	49	19.25	19.49	19.48		
20	256QAM	1	99	19.31	19.31	19.23		
20	256QAM	50	0	19.26	19.28	19.36	19.8	2.2
20	256QAM	50	24	19.36	19.33	19.44		
20	256QAM	50	50	19.35	19.40	19.43		
20	256QAM	100	0	19.23	19.34	19.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.01	21.04	20.98	22	0
15	QPSK	1	37	20.69	20.95	20.69		
15	QPSK	1	74	20.71	20.59	20.61		
15	QPSK	36	0	20.91	20.84	20.94	22	0
15	QPSK	36	20	20.83	20.85	20.85		
15	QPSK	36	39	20.76	20.79	20.87		
15	QPSK	75	0	20.66	20.81	20.80		
15	16QAM	1	0	20.72	20.84	21.02	22	0
15	16QAM	1	37	20.74	20.87	20.94		
15	16QAM	1	74	20.56	21.03	20.91		
15	16QAM	36	0	20.67	20.84	20.66	22	0
15	16QAM	36	20	20.67	20.68	20.69		
15	16QAM	36	39	20.71	20.69	20.81		
15	16QAM	75	0	20.68	20.68	20.75		
15	64QAM	1	0	20.65	20.92	20.73	22	0
15	64QAM	1	37	20.80	20.77	20.89		
15	64QAM	1	74	20.94	21.02	21.03		
15	64QAM	36	0	20.71	20.71	20.65	21.8	0.2
15	64QAM	36	20	20.86	20.54	20.56		
15	64QAM	36	39	20.83	20.50	20.78		
15	64QAM	75	0	20.69	20.60	20.88		
15	256QAM	1	0	19.15	19.40	19.34	19.8	2.2
15	256QAM	1	37	19.20	19.37	19.34		
15	256QAM	1	74	19.17	19.15	19.13		
15	256QAM	36	0	19.24	19.26	19.23	19.8	2.2
15	256QAM	36	20	19.33	19.29	19.27		
15	256QAM	36	39	19.32	19.26	19.24		
15	256QAM	75	0	19.13	19.26	19.27		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.86	21.11	20.81	22	0
10	QPSK	1	25	20.74	21.06	20.64		
10	QPSK	1	49	20.66	20.72	20.70		
10	QPSK	25	0	20.77	20.85	20.76	22	0
10	QPSK	25	12	20.72	20.85	20.74		
10	QPSK	25	25	20.80	20.83	20.73		
10	QPSK	50	0	20.75	20.84	20.87		
10	16QAM	1	0	20.80	20.99	20.92	22	0
10	16QAM	1	25	20.76	21.00	20.82		
10	16QAM	1	49	20.69	21.01	20.92		
10	16QAM	25	0	20.70	20.81	20.70	22	0
10	16QAM	25	12	20.67	20.69	20.86		
10	16QAM	25	25	20.79	20.68	20.68		
10	16QAM	50	0	20.74	20.65	20.64		
10	64QAM	1	0	20.66	20.93	20.76	22	0
10	64QAM	1	25	20.83	20.79	20.84		
10	64QAM	1	49	20.96	20.91	20.90		
10	64QAM	25	0	20.74	20.79	20.65	21.8	0.2
10	64QAM	25	12	20.93	20.53	20.60		
10	64QAM	25	25	20.68	20.60	20.71		
10	64QAM	50	0	20.69	20.75	20.79		
10	256QAM	1	0	19.12	19.34	19.30	19.8	2.2
10	256QAM	1	25	19.11	19.44	19.32		
10	256QAM	1	49	19.28	19.28	19.09		
10	256QAM	25	0	19.07	19.18	19.24	19.8	2.2
10	256QAM	25	12	19.17	19.24	19.28		
10	256QAM	25	25	19.14	19.37	19.31		
10	256QAM	50	0	19.21	19.23	19.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.90	21.08	20.88	22	0
5	QPSK	1	12	20.65	21.01	20.69		
5	QPSK	1	24	20.71	20.66	20.65		
5	QPSK	12	0	20.86	20.86	20.85	22	0
5	QPSK	12	7	20.83	20.77	20.76		
5	QPSK	12	13	20.77	20.79	20.78		
5	QPSK	25	0	20.66	20.72	20.78		
5	16QAM	1	0	20.85	20.85	21.01	22	0
5	16QAM	1	12	20.63	21.00	20.91		
5	16QAM	1	24	20.62	21.03	20.96		
5	16QAM	12	0	20.71	20.68	20.73	22	0
5	16QAM	12	7	20.66	20.73	20.68		
5	16QAM	12	13	20.66	20.63	20.82		
5	16QAM	25	0	20.83	20.72	20.62		
5	64QAM	1	0	20.56	20.94	20.87	22	0
5	64QAM	1	12	20.73	20.69	20.90		
5	64QAM	1	24	20.86	20.97	21.02		
5	64QAM	12	0	20.75	20.63	20.73	21.8	0.2
5	64QAM	12	7	20.80	20.68	20.66		
5	64QAM	12	13	20.72	20.36	20.68		
5	64QAM	25	0	20.70	20.75	20.79		
5	256QAM	1	0	19.20	19.34	19.27	19.8	2.2
5	256QAM	1	12	19.11	19.35	19.29		
5	256QAM	1	24	19.25	19.16	19.14		
5	256QAM	12	0	19.08	19.18	19.18	19.8	2.2
5	256QAM	12	7	19.23	19.14	19.40		
5	256QAM	12	13	19.30	19.18	19.21		
5	256QAM	25	0	19.18	19.18	19.34		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.90	20.95	20.86	22	0
3	QPSK	1	8	20.55	20.98	20.57		
3	QPSK	1	14	20.54	20.68	20.53		
3	QPSK	8	0	20.90	20.91	20.85	22	0
3	QPSK	8	4	20.70	20.88	20.80		
3	QPSK	8	7	20.73	20.90	20.71		
3	QPSK	15	0	20.61	20.69	20.80		
3	16QAM	1	0	20.81	21.02	20.96	22	0
3	16QAM	1	8	20.82	20.90	20.96		
3	16QAM	1	14	20.68	20.91	20.97		
3	16QAM	8	0	20.67	20.84	20.60	22	0
3	16QAM	8	4	20.70	20.79	20.81		
3	16QAM	8	7	20.68	20.63	20.67		
3	16QAM	15	0	20.66	20.79	20.70		
3	64QAM	1	0	20.49	20.79	20.70	22	0
3	64QAM	1	8	20.82	20.81	20.91		
3	64QAM	1	14	20.94	20.75	20.77		
3	64QAM	8	0	20.86	20.77	20.69	21.8	0.2
3	64QAM	8	4	20.83	20.64	20.74		
3	64QAM	8	7	20.84	20.39	20.65		
3	64QAM	15	0	20.83	20.73	20.75		
3	256QAM	1	0	19.16	19.39	19.44	19.8	2.2
3	256QAM	1	8	19.12	19.39	19.36		
3	256QAM	1	14	19.26	19.25	19.04		
3	256QAM	8	0	19.20	19.07	19.23	19.8	2.2
3	256QAM	8	4	19.17	19.20	19.23		
3	256QAM	8	7	19.33	19.33	19.25		
3	256QAM	15	0	19.21	19.19	19.31		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.12	21.13	21.10	22	0
1.4	QPSK	1	3	20.90	21.16	20.85		
1.4	QPSK	1	5	20.85	20.88	20.87		
1.4	QPSK	3	0	20.94	20.83	20.88		
1.4	QPSK	3	1	20.70	20.83	20.69		
1.4	QPSK	3	3	20.69	20.90	20.74		
1.4	QPSK	6	0	20.74	20.85	20.84	22	0
1.4	16QAM	1	0	20.86	20.87	20.99	22	0
1.4	16QAM	1	3	20.77	21.05	20.94		
1.4	16QAM	1	5	20.56	20.98	20.97		
1.4	16QAM	3	0	20.79	20.69	20.64		
1.4	16QAM	3	1	20.71	20.72	20.77		
1.4	16QAM	3	3	20.70	20.57	20.71		
1.4	16QAM	6	0	20.73	20.68	20.74	22	0
1.4	64QAM	1	0	20.56	20.95	20.73	22	0
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.97	20.98	20.85		
1.4	64QAM	3	0	20.80	20.90	20.76		
1.4	64QAM	3	1	20.77	20.76	20.82		
1.4	64QAM	3	3	20.97	20.58	20.91		
1.4	64QAM	6	0	20.84	20.66	20.82	21.8	0.2
1.4	256QAM	1	0	19.08	19.42	19.45	19.8	2.2
1.4	256QAM	1	3	19.11	19.34	19.36		
1.4	256QAM	1	5	19.19	19.16	19.19		
1.4	256QAM	3	0	19.24	19.24	19.24		
1.4	256QAM	3	1	19.31	19.26	19.41		
1.4	256QAM	3	3	19.30	19.21	19.27		
1.4	256QAM	6	0	19.19	19.16	19.24	19.8	2.2

Band 4_ANT 2(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.27	21.28	21.25	22	0
20	QPSK	1	49	21.26	21.27	21.10		
20	QPSK	1	99	20.98	21.02	21.21		
20	QPSK	50	0	21.15	21.27	21.25	22	0
20	QPSK	50	24	21.14	21.24	21.24		
20	QPSK	50	50	21.04	21.25	21.17		
20	QPSK	100	0	21.17	21.25	21.22		
20	16QAM	1	0	21.05	21.18	21.16	22	0
20	16QAM	1	49	21.01	21.04	21.06		
20	16QAM	1	99	21.05	21.11	21.02		
20	16QAM	50	0	21.19	21.18	21.02	22	0
20	16QAM	50	24	21.06	21.05	21.07		
20	16QAM	50	50	21.05	21.01	21.09		
20	16QAM	100	0	21.17	21.00	21.03		
20	64QAM	1	0	21.03	21.10	21.18	22	0
20	64QAM	1	49	21.14	21.11	21.09		
20	64QAM	1	99	21.14	21.03	21.07		
20	64QAM	50	0	20.88	21.19	21.03	21.8	0.2
20	64QAM	50	24	21.10	21.07	21.01		
20	64QAM	50	50	21.07	21.07	21.01		
20	64QAM	100	0	21.11	21.09	21.07		
20	256QAM	1	0	19.34	19.39	19.43	19.8	2.2
20	256QAM	1	49	19.40	19.45	19.48		
20	256QAM	1	99	19.49	19.50	19.47		
20	256QAM	50	0	19.34	19.33	19.40	19.8	2.2
20	256QAM	50	24	19.38	19.37	19.35		
20	256QAM	50	50	19.40	19.44	19.43		
20	256QAM	100	0	19.37	19.35	19.33		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.05	21.06	21.13	22	0
15	QPSK	1	37	21.21	21.05	21.01		
15	QPSK	1	74	20.81	20.82	21.17		
15	QPSK	36	0	20.96	21.14	21.17	22	0
15	QPSK	36	20	21.08	21.12	21.04		
15	QPSK	36	39	20.92	21.14	21.02		
15	QPSK	75	0	21.14	21.18	21.18		
15	16QAM	1	0	20.91	21.04	21.11	22	0
15	16QAM	1	37	20.84	20.88	20.97		
15	16QAM	1	74	20.86	20.97	20.92		
15	16QAM	36	0	21.12	21.02	20.83	22	0
15	16QAM	36	20	20.85	20.86	21.01		
15	16QAM	36	39	20.85	20.86	21.05		
15	16QAM	75	0	20.98	20.82	20.84		
15	64QAM	1	0	20.94	20.92	21.01	22	0
15	64QAM	1	37	21.07	20.98	21.03		
15	64QAM	1	74	20.95	20.89	20.91		
15	64QAM	36	0	20.77	21.08	20.98	21.8	0.2
15	64QAM	36	20	20.92	21.00	20.87		
15	64QAM	36	39	21.04	21.03	20.88		
15	64QAM	75	0	21.05	21.06	20.98		
15	256QAM	1	0	19.43	19.43	19.44	19.8	2.2
15	256QAM	1	37	19.45	19.44	19.45		
15	256QAM	1	74	19.40	19.41	19.40		
15	256QAM	36	0	19.46	19.44	19.46	19.8	2.2
15	256QAM	36	20	19.43	19.41	19.48		
15	256QAM	36	39	19.46	19.40	19.47		
15	256QAM	75	0	19.49	19.48	19.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.25	21.23	21.04	22	0
10	QPSK	1	25	21.09	21.12	20.92		
10	QPSK	1	49	20.78	20.86	21.19		
10	QPSK	25	0	21.07	21.07	21.10	22	0
10	QPSK	25	12	20.98	21.08	21.06		
10	QPSK	25	25	20.88	21.07	21.13		
10	QPSK	50	0	21.00	21.03	21.10		
10	16QAM	1	0	20.93	21.12	21.14	22	0
10	16QAM	1	25	20.88	20.84	20.87		
10	16QAM	1	49	20.87	21.03	20.89		
10	16QAM	25	0	21.17	21.13	20.98	22	0
10	16QAM	25	12	20.88	20.89	21.04		
10	16QAM	25	25	20.90	20.97	20.98		
10	16QAM	50	0	21.04	20.98	20.97		
10	64QAM	1	0	20.94	20.99	20.96	22	0
10	64QAM	1	25	21.12	21.07	20.93		
10	64QAM	1	49	20.96	20.97	20.92		
10	64QAM	25	0	20.86	20.97	20.94	21.8	0.2
10	64QAM	25	12	20.89	20.91	20.86		
10	64QAM	25	25	20.85	21.03	20.82		
10	64QAM	50	0	21.00	21.02	20.97		
10	256QAM	1	0	19.48	19.46	19.47	19.8	2.2
10	256QAM	1	25	19.46	19.40	19.47		
10	256QAM	1	49	19.46	19.44	19.41		
10	256QAM	25	0	19.49	19.40	19.48	19.8	2.2
10	256QAM	25	12	19.44	19.47	19.43		
10	256QAM	25	25	19.46	19.46	19.44		
10	256QAM	50	0	19.43	19.47	19.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.07	21.24	21.19	22	0
5	QPSK	1	12	21.22	21.10	21.08		
5	QPSK	1	24	20.76	20.97	21.17		
5	QPSK	12	0	20.99	21.20	21.12	22	0
5	QPSK	12	7	20.98	21.09	21.02		
5	QPSK	12	13	20.96	21.14	21.04		
5	QPSK	25	0	20.96	21.09	21.08		
5	16QAM	1	0	20.93	21.05	20.96	22	0
5	16QAM	1	12	20.88	20.93	21.00		
5	16QAM	1	24	20.98	20.92	20.98		
5	16QAM	12	0	21.07	21.04	21.00	22	0
5	16QAM	12	7	20.99	20.84	20.96		
5	16QAM	12	13	20.98	20.80	21.06		
5	16QAM	25	0	21.15	20.87	20.97		
5	64QAM	1	0	20.89	21.03	21.04	22	0
5	64QAM	1	12	20.92	21.02	20.94		
5	64QAM	1	24	21.10	21.01	20.92		
5	64QAM	12	0	20.76	21.09	20.85	21.8	0.2
5	64QAM	12	7	21.00	20.93	20.93		
5	64QAM	12	13	20.90	20.94	20.83		
5	64QAM	25	0	21.00	21.00	21.05		
5	256QAM	1	0	19.46	19.47	19.40	19.8	2.2
5	256QAM	1	12	19.43	19.47	19.46		
5	256QAM	1	24	19.47	19.46	19.44		
5	256QAM	12	0	19.42	19.44	19.41	19.8	2.2
5	256QAM	12	7	19.48	19.49	19.45		
5	256QAM	12	13	19.46	19.48	19.48		
5	256QAM	25	0	19.45	19.46	19.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.20	21.26	21.03	22	0
3	QPSK	1	8	21.15	21.13	20.96		
3	QPSK	1	14	20.79	20.87	21.01		
3	QPSK	8	0	20.99	21.22	21.18	22	0
3	QPSK	8	4	21.02	21.02	21.06		
3	QPSK	8	7	20.91	21.08	21.00		
3	QPSK	15	0	21.02	21.12	21.10		
3	16QAM	1	0	20.92	20.98	21.13	22	0
3	16QAM	1	8	20.98	20.98	21.01		
3	16QAM	1	14	20.94	20.91	20.90		
3	16QAM	8	0	21.10	21.05	20.89	22	0
3	16QAM	8	4	20.88	21.02	20.94		
3	16QAM	8	7	20.96	20.82	20.90		
3	16QAM	15	0	21.13	20.87	20.95		
3	64QAM	1	0	20.85	21.05	21.02	22	0
3	64QAM	1	8	20.93	20.99	21.07		
3	64QAM	1	14	21.11	20.87	21.05		
3	64QAM	8	0	20.84	21.04	20.89	21.8	0.2
3	64QAM	8	4	21.08	20.99	20.89		
3	64QAM	8	7	20.95	20.87	20.96		
3	64QAM	15	0	21.06	20.89	20.91		
3	256QAM	1	0	19.40	19.47	19.46	19.8	2.2
3	256QAM	1	8	19.43	19.40	19.47		
3	256QAM	1	14	19.45	19.45	19.45		
3	256QAM	8	0	19.48	19.49	19.42	19.8	2.2
3	256QAM	8	4	19.44	19.41	19.48		
3	256QAM	8	7	19.46	19.46	19.47		
3	256QAM	15	0	19.46	19.40	19.48		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.14	21.22	21.11	22	0
1.4	QPSK	1	3	21.10	21.11	20.96		
1.4	QPSK	1	5	20.90	20.85	21.05		
1.4	QPSK	3	0	21.11	21.17	21.23		
1.4	QPSK	3	1	20.97	21.12	21.09		
1.4	QPSK	3	3	20.92	21.20	21.08		
1.4	QPSK	6	0	21.14	21.11	21.11	22	0
1.4	16QAM	1	0	21.02	21.03	21.03	22	0
1.4	16QAM	1	3	20.93	20.97	20.85		
1.4	16QAM	1	5	20.94	20.95	20.98		
1.4	16QAM	3	0	21.06	21.16	20.86		
1.4	16QAM	3	1	20.90	20.86	20.97		
1.4	16QAM	3	3	20.94	20.96	21.04		
1.4	16QAM	6	0	21.15	20.96	20.99	22	0
1.4	64QAM	1	0	20.97	20.96	21.10	22	0
1.4	64QAM	1	3	20.97	21.01	20.95		
1.4	64QAM	1	5	21.08	20.82	20.89		
1.4	64QAM	3	0	20.76	21.02	20.86		
1.4	64QAM	3	1	20.89	20.92	20.82		
1.4	64QAM	3	3	21.01	21.04	20.80		
1.4	64QAM	6	0	20.78	20.70	20.75	21.8	0.2
1.4	256QAM	1	0	19.45	19.42	19.42	19.8	2.2
1.4	256QAM	1	3	19.44	19.40	19.49		
1.4	256QAM	1	5	19.46	19.45	19.48		
1.4	256QAM	3	0	19.42	19.48	19.44		
1.4	256QAM	3	1	19.48	19.42	19.46		
1.4	256QAM	3	3	19.43	19.46	19.42		
1.4	256QAM	6	0	19.40	19.45	19.45	19.8	2.2

Band 4_ANT 5(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.05	21.12	20.98	21.8	0
20	QPSK	1	49	21.03	21.10	20.94		
20	QPSK	1	99	21.04	21.00	20.93		
20	QPSK	50	0	21.03	21.06	20.99	21.8	0
20	QPSK	50	24	21.00	20.98	20.97		
20	QPSK	50	50	21.00	20.94	20.87		
20	QPSK	100	0	21.02	21.05	20.92		
20	16QAM	1	0	21.03	20.97	20.89	21.8	0
20	16QAM	1	49	20.88	20.91	21.02		
20	16QAM	1	99	20.91	21.03	20.99		
20	16QAM	50	0	21.01	20.97	20.91	21.8	0
20	16QAM	50	24	20.93	21.05	21.04		
20	16QAM	50	50	20.96	21.04	20.98		
20	16QAM	100	0	21.05	21.01	21.01		
20	64QAM	1	0	20.98	20.98	20.92	21.8	0
20	64QAM	1	49	20.86	20.92	21.06		
20	64QAM	1	99	21.06	20.87	21.04		
20	64QAM	50	0	20.75	20.61	20.58	21.8	0
20	64QAM	50	24	20.75	20.71	20.61		
20	64QAM	50	50	20.70	20.67	20.64		
20	64QAM	100	0	20.73	20.67	20.68		
20	256QAM	1	0	18.84	18.89	18.90	19.8	2
20	256QAM	1	49	18.89	18.82	18.99		
20	256QAM	1	99	18.85	18.80	18.98		
20	256QAM	50	0	18.70	18.71	18.61	19.8	2
20	256QAM	50	24	18.71	18.62	18.59		
20	256QAM	50	50	18.77	18.69	18.64		
20	256QAM	100	0	18.72	18.70	18.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.89	21.08	20.83	21.8	0
15	QPSK	1	37	20.99	21.04	20.88		
15	QPSK	1	74	20.92	20.90	20.85		
15	QPSK	36	0	20.94	20.99	20.87	21.8	0
15	QPSK	36	20	20.98	20.93	20.88		
15	QPSK	36	39	20.96	20.85	20.78		
15	QPSK	75	0	20.95	20.98	20.89		
15	16QAM	1	0	20.99	20.84	20.77	21.8	0
15	16QAM	1	37	20.85	20.79	20.89		
15	16QAM	1	74	20.78	20.90	20.89		
15	16QAM	36	0	20.97	20.88	20.81	21.8	0
15	16QAM	36	20	20.88	20.95	20.91		
15	16QAM	36	39	20.92	20.98	20.91		
15	16QAM	75	0	21.00	20.98	20.96		
15	64QAM	1	0	20.90	20.91	20.89	21.8	0
15	64QAM	1	37	20.78	20.87	20.93		
15	64QAM	1	74	20.95	20.77	20.98		
15	64QAM	36	0	20.71	20.50	20.52	21.8	0
15	64QAM	36	20	20.70	20.64	20.54		
15	64QAM	36	39	20.60	20.56	20.58		
15	64QAM	75	0	20.60	20.57	20.63		
15	256QAM	1	0	18.73	18.85	18.79	19.8	2
15	256QAM	1	37	18.76	18.72	18.86		
15	256QAM	1	74	18.80	18.70	18.85		
15	256QAM	36	0	18.57	18.63	18.56	19.8	2
15	256QAM	36	20	18.63	18.53	18.50		
15	256QAM	36	39	18.68	18.57	18.56		
15	256QAM	75	0	18.65	18.65	18.66		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.89	21.09	20.76	21.8	0
10	QPSK	1	25	20.93	20.97	20.85		
10	QPSK	1	49	21.01	20.88	20.82		
10	QPSK	25	0	20.90	21.00	20.87	21.8	0
10	QPSK	25	12	20.98	20.85	20.92		
10	QPSK	25	25	20.95	20.81	20.80		
10	QPSK	50	0	20.89	20.92	20.82		
10	16QAM	1	0	20.99	20.88	20.83	21.8	0
10	16QAM	1	25	20.78	20.79	20.91		
10	16QAM	1	49	20.80	20.95	20.88		
10	16QAM	25	0	20.94	20.90	20.85	21.8	0
10	16QAM	25	12	20.80	20.99	21.00		
10	16QAM	25	25	20.92	20.94	20.86		
10	16QAM	50	0	20.98	20.95	20.98		
10	64QAM	1	0	20.95	20.94	20.80	21.8	0
10	64QAM	1	25	20.82	20.83	20.98		
10	64QAM	1	49	21.03	20.75	21.00		
10	64QAM	25	0	20.62	20.50	20.53	21.8	0
10	64QAM	25	12	20.68	20.66	20.50		
10	64QAM	25	25	20.64	20.60	20.55		
10	64QAM	50	0	20.61	20.60	20.65		
10	256QAM	1	0	18.77	18.82	18.79	19.8	2
10	256QAM	1	25	18.83	18.72	18.91		
10	256QAM	1	49	18.75	18.70	18.91		
10	256QAM	25	0	18.64	18.67	18.49	19.8	2
10	256QAM	25	12	18.66	18.59	18.53		
10	256QAM	25	25	18.73	18.59	18.53		
10	256QAM	50	0	18.62	18.66	18.67		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.90	21.08	20.83	21.8	0
5	QPSK	1	12	21.00	21.07	20.87		
5	QPSK	1	24	20.95	20.91	20.89		
5	QPSK	12	0	20.90	20.99	20.86	21.8	0
5	QPSK	12	7	20.95	20.95	20.84		
5	QPSK	12	13	20.89	20.89	20.83		
5	QPSK	25	0	20.99	21.01	20.84		
5	16QAM	1	0	20.98	20.93	20.78	21.8	0
5	16QAM	1	12	20.82	20.80	20.94		
5	16QAM	1	24	20.86	20.94	20.96		
5	16QAM	12	0	20.97	20.92	20.88	21.8	0
5	16QAM	12	7	20.80	20.93	20.99		
5	16QAM	12	13	20.91	21.01	20.85		
5	16QAM	25	0	20.96	20.88	20.94		
5	64QAM	1	0	20.93	20.89	20.80	21.8	0
5	64QAM	1	12	20.79	20.83	21.02		
5	64QAM	1	24	21.02	20.77	20.94		
5	64QAM	12	0	20.67	20.57	20.47	21.8	0
5	64QAM	12	7	20.66	20.67	20.48		
5	64QAM	12	13	20.67	20.62	20.54		
5	64QAM	25	0	20.67	20.60	20.63		
5	256QAM	1	0	18.73	18.86	18.78	19.8	2
5	256QAM	1	12	18.79	18.78	18.94		
5	256QAM	1	24	18.77	18.73	18.93		
5	256QAM	12	0	18.60	18.68	18.50	19.8	2
5	256QAM	12	7	18.67	18.52	18.46		
5	256QAM	12	13	18.74	18.57	18.52		
5	256QAM	25	0	18.64	18.66	18.66		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.87	21.07	20.77	21.8	0
3	QPSK	1	8	20.99	20.98	20.83		
3	QPSK	1	14	20.96	20.89	20.87		
3	QPSK	8	0	20.94	20.93	20.82	21.8	0
3	QPSK	8	4	20.90	20.94	20.90		
3	QPSK	8	7	20.95	20.85	20.79		
3	QPSK	15	0	20.97	20.96	20.82		
3	16QAM	1	0	20.95	20.91	20.85	21.8	0
3	16QAM	1	8	20.78	20.78	20.97		
3	16QAM	1	14	20.79	21.00	20.89		
3	16QAM	8	0	20.97	20.93	20.82	21.8	0
3	16QAM	8	4	20.82	20.92	20.96		
3	16QAM	8	7	20.93	20.91	20.91		
3	16QAM	15	0	21.01	20.91	20.98		
3	64QAM	1	0	20.94	20.88	20.84	21.8	0
3	64QAM	1	8	20.82	20.86	20.93		
3	64QAM	1	14	20.94	20.83	20.98		
3	64QAM	8	0	20.68	20.52	20.53	21.8	0
3	64QAM	8	4	20.68	20.63	20.49		
3	64QAM	8	7	20.60	20.62	20.54		
3	64QAM	15	0	20.66	20.61	20.64		
3	256QAM	1	0	18.75	18.86	18.87	19.8	2
3	256QAM	1	8	18.76	18.75	18.96		
3	256QAM	1	14	18.76	18.67	18.89		
3	256QAM	8	0	18.57	18.63	18.48	19.8	2
3	256QAM	8	4	18.66	18.57	18.55		
3	256QAM	8	7	18.67	18.62	18.53		
3	256QAM	15	0	18.59	18.65	18.65		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.84	21.05	20.86	21.8	0
1.4	QPSK	1	3	20.94	20.99	20.87		
1.4	QPSK	1	5	20.91	20.94	20.83		
1.4	QPSK	3	0	20.94	20.99	20.87		
1.4	QPSK	3	1	20.99	20.87	20.91		
1.4	QPSK	3	3	20.92	20.91	20.75		
1.4	QPSK	6	0	20.98	20.94	20.87	21.8	0
1.4	16QAM	1	0	20.90	20.93	20.82	21.8	0
1.4	16QAM	1	3	20.77	20.81	20.94		
1.4	16QAM	1	5	20.88	20.97	20.96		
1.4	16QAM	3	0	20.93	20.91	20.86		
1.4	16QAM	3	1	20.80	21.01	20.93		
1.4	16QAM	3	3	20.83	20.97	20.91		
1.4	16QAM	6	0	20.96	20.88	20.91	21.8	0
1.4	64QAM	1	0	20.90	20.94	20.86	21.8	0
1.4	64QAM	1	3	20.82	20.83	20.99		
1.4	64QAM	1	5	21.01	20.77	20.93		
1.4	64QAM	3	0	20.87	20.89	20.82		
1.4	64QAM	3	1	20.88	20.86	20.83		
1.4	64QAM	3	3	20.89	20.79	20.85		
1.4	64QAM	6	0	20.61	20.60	20.57	21.8	0
1.4	256QAM	1	0	18.73	18.78	18.86	19.8	2
1.4	256QAM	1	3	18.85	18.69	18.95		
1.4	256QAM	1	5	18.74	18.70	18.87		
1.4	256QAM	3	0	18.62	18.60	18.51		
1.4	256QAM	3	1	18.59	18.51	18.49		
1.4	256QAM	3	3	18.69	18.66	18.57		
1.4	256QAM	6	0	18.69	18.67	18.68	19.8	2

Band 5_ANT 0(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.95	22.94	22.93	24	0
10	QPSK	1	25	22.90	22.90	22.87		
10	QPSK	1	49	22.78	22.90	22.75		
10	QPSK	25	0	21.98	21.96	21.95	23	1
10	QPSK	25	12	21.96	21.93	21.92		
10	QPSK	25	25	21.85	21.90	21.90		
10	QPSK	50	0	21.97	21.96	21.95		
10	16QAM	1	0	22.32	22.30	22.38	23	1
10	16QAM	1	25	21.97	21.90	22.07		
10	16QAM	1	49	22.31	22.14	22.08		
10	16QAM	25	0	20.81	20.91	20.94	22	2
10	16QAM	25	12	20.88	20.91	20.98		
10	16QAM	25	25	20.87	20.91	20.96		
10	16QAM	50	0	20.94	20.86	20.98		
10	64QAM	1	0	21.09	20.84	21.13	22	2
10	64QAM	1	25	20.92	20.80	21.25		
10	64QAM	1	49	20.83	20.79	21.29		
10	64QAM	25	0	19.86	19.83	19.93	21	3
10	64QAM	25	12	19.96	19.88	19.87		
10	64QAM	25	25	19.82	19.92	19.94		
10	64QAM	50	0	19.93	19.90	19.98		
10	256QAM	1	0	17.99	17.94	17.92	19	5
10	256QAM	1	25	17.95	18.07	17.98		
10	256QAM	1	49	17.98	17.99	17.91		
10	256QAM	25	0	17.90	17.89	17.86	19	5
10	256QAM	25	12	17.91	17.97	17.94		
10	256QAM	25	25	17.94	17.94	17.93		
10	256QAM	50	0	17.95	17.91	17.92		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.65	22.82	22.70	24	0
5	QPSK	1	12	22.60	22.77	22.77		
5	QPSK	1	24	22.50	22.63	22.71		
5	QPSK	12	0	21.54	21.58	21.73	23	1
5	QPSK	12	7	21.71	21.53	21.88		
5	QPSK	12	13	21.57	21.66	21.68		
5	QPSK	25	0	21.62	21.62	21.69		
5	16QAM	1	0	21.99	21.88	21.79	23	1
5	16QAM	1	12	21.89	22.43	22.20		
5	16QAM	1	24	21.97	22.04	22.06		
5	16QAM	12	0	20.61	20.62	20.70	22	2
5	16QAM	12	7	20.68	20.76	20.72		
5	16QAM	12	13	20.68	20.74	20.85		
5	16QAM	25	0	20.71	20.66	20.73		
5	64QAM	1	0	21.82	21.68	21.74	22	2
5	64QAM	1	12	21.79	21.68	21.83		
5	64QAM	1	24	21.88	21.84	21.74		
5	64QAM	12	0	20.62	20.58	20.69	21	3
5	64QAM	12	7	20.72	20.65	20.75		
5	64QAM	12	13	20.79	20.67	20.65		
5	64QAM	25	0	20.68	20.75	20.70		
5	256QAM	1	0	18.03	17.97	17.91	19	5
5	256QAM	1	12	17.96	18.11	18.00		
5	256QAM	1	24	17.98	18.01	17.95		
5	256QAM	12	0	17.91	17.90	17.83	19	5
5	256QAM	12	7	17.87	17.95	17.92		
5	256QAM	12	13	17.93	17.95	17.92		
5	256QAM	25	0	17.91	17.90	17.90		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.62	22.67	22.53	24	0
3	QPSK	1	8	22.65	22.59	22.62		
3	QPSK	1	14	22.54	22.65	22.59		
3	QPSK	8	0	21.68	21.62	21.68	23	1
3	QPSK	8	4	21.67	21.63	21.71		
3	QPSK	8	7	21.62	21.62	21.65		
3	QPSK	15	0	21.56	21.57	21.55		
3	16QAM	1	0	21.50	21.98	22.26	23	1
3	16QAM	1	8	22.19	22.10	22.01		
3	16QAM	1	14	22.02	21.83	22.15		
3	16QAM	8	0	20.61	20.60	20.80	22	2
3	16QAM	8	4	20.71	20.79	20.84		
3	16QAM	8	7	20.72	20.72	20.92		
3	16QAM	15	0	20.76	20.69	20.67		
3	64QAM	1	0	21.67	21.78	21.53	22	2
3	64QAM	1	8	21.90	21.78	21.70		
3	64QAM	1	14	21.77	21.78	21.81		
3	64QAM	8	0	20.54	20.65	20.70	21	3
3	64QAM	8	4	20.62	20.69	20.73		
3	64QAM	8	7	20.63	20.66	20.78		
3	64QAM	15	0	20.63	20.79	20.64		
3	256QAM	1	0	18.03	17.90	17.95	19	5
3	256QAM	1	8	17.98	18.05	18.01		
3	256QAM	1	14	17.97	17.99	17.93		
3	256QAM	8	0	17.90	17.85	17.85	19	5
3	256QAM	8	4	17.95	17.93	17.93		
3	256QAM	8	7	17.95	17.94	17.90		
3	256QAM	15	0	17.96	17.90	17.93		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.69	22.56	22.50	24	0
1.4	QPSK	1	3	22.51	22.55	22.69		
1.4	QPSK	1	5	22.60	22.60	22.50		
1.4	QPSK	3	0	22.58	22.61	22.72		
1.4	QPSK	3	1	22.69	22.65	22.68		
1.4	QPSK	3	3	22.65	22.59	22.63		
1.4	QPSK	6	0	21.55	21.58	21.52	23	1
1.4	16QAM	1	0	22.08	21.88	21.77	23	1
1.4	16QAM	1	3	22.00	21.97	22.04		
1.4	16QAM	1	5	22.02	22.08	22.31		
1.4	16QAM	3	0	21.67	21.87	21.70		
1.4	16QAM	3	1	21.62	21.88	21.72		
1.4	16QAM	3	3	21.70	21.99	21.88		
1.4	16QAM	6	0	20.79	20.78	20.77	22	2
1.4	64QAM	1	0	20.70	20.60	21.09	22	2
1.4	64QAM	1	3	21.01	20.50	20.89		
1.4	64QAM	1	5	20.67	20.51	21.11		
1.4	64QAM	3	0	20.88	20.65	20.74		
1.4	64QAM	3	1	21.14	20.93	20.71		
1.4	64QAM	3	3	20.62	20.86	20.90		
1.4	64QAM	6	0	19.53	19.57	19.69	21	3
1.4	256QAM	1	0	17.98	17.94	17.89	19	5
1.4	256QAM	1	3	17.92	18.06	18.02		
1.4	256QAM	1	5	17.94	17.99	17.95		
1.4	256QAM	3	0	17.91	17.93	17.86		
1.4	256QAM	3	1	17.92	17.96	17.92		
1.4	256QAM	3	3	17.94	17.97	17.97		
1.4	256QAM	6	0	17.99	17.91	17.88	19	5

Band 7_ANT 2(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.40	20.52	20.41	21.5	0
20	QPSK	1	49	20.12	20.41	20.40		
20	QPSK	1	99	20.17	20.35	20.40		
20	QPSK	50	0	20.35	20.50	20.31	21.5	0
20	QPSK	50	24	20.30	20.23	20.27		
20	QPSK	50	50	20.23	20.24	20.21		
20	QPSK	100	0	20.30	20.33	20.24		
20	16QAM	1	0	20.22	20.29	20.22	21.5	0
20	16QAM	1	49	20.29	20.27	20.27		
20	16QAM	1	99	20.21	20.24	20.21		
20	16QAM	50	0	20.37	20.23	20.20	21.5	0
20	16QAM	50	24	20.33	20.20	20.21		
20	16QAM	50	50	20.26	20.28	20.21		
20	16QAM	100	0	20.25	20.23	20.26		
20	64QAM	1	0	20.26	20.22	20.27	21.5	0
20	64QAM	1	49	20.23	20.29	20.29		
20	64QAM	1	99	20.26	20.29	20.22		
20	64QAM	50	0	19.98	20.26	20.22	21	0.5
20	64QAM	50	24	20.19	20.23	20.32		
20	64QAM	50	50	20.01	20.20	20.24		
20	64QAM	100	0	20.02	20.33	20.36		
20	256QAM	1	0	18.58	18.49	18.52	19	2.5
20	256QAM	1	49	18.52	18.44	18.54		
20	256QAM	1	99	18.42	18.42	18.39		
20	256QAM	50	0	18.33	18.34	18.38	19	2.5
20	256QAM	50	24	18.47	18.40	18.36		
20	256QAM	50	50	18.38	18.39	18.36		
20	256QAM	100	0	18.40	18.36	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.05	20.24	20.22	21.5	0
15	QPSK	1	37	20.00	20.35	20.32		
15	QPSK	1	74	20.01	20.25	20.18		
15	QPSK	36	0	20.32	20.23	20.13	21.5	0
15	QPSK	36	20	20.08	20.03	20.17		
15	QPSK	36	39	20.12	20.06	20.19		
15	QPSK	75	0	20.25	20.25	20.08		
15	16QAM	1	0	20.14	20.08	20.00	21.5	0
15	16QAM	1	37	20.16	20.09	20.12		
15	16QAM	1	74	20.10	20.09	20.11		
15	16QAM	36	0	20.28	20.15	20.03	21.5	0
15	16QAM	36	20	20.30	20.05	20.08		
15	16QAM	36	39	20.17	20.09	20.05		
15	16QAM	75	0	20.08	20.13	20.04		
15	64QAM	1	0	20.06	20.02	20.21	21.5	0
15	64QAM	1	37	20.14	20.16	20.16		
15	64QAM	1	74	20.14	20.13	20.01		
15	64QAM	36	0	19.80	20.15	20.07	21	0.5
15	64QAM	36	20	20.09	20.19	20.15		
15	64QAM	36	39	19.79	20.13	20.15		
15	64QAM	75	0	19.85	20.16	20.22		
15	256QAM	1	0	18.63	18.52	18.62	19	2.5
15	256QAM	1	37	18.64	18.69	18.65		
15	256QAM	1	74	18.69	18.65	18.63		
15	256QAM	36	0	18.61	18.57	18.63	19	2.5
15	256QAM	36	20	18.69	18.67	18.60		
15	256QAM	36	39	18.62	18.68	18.69		
15	256QAM	75	0	18.66	18.67	18.64		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.98	20.31	20.32	21.5	0
10	QPSK	1	25	20.04	20.24	20.28		
10	QPSK	1	49	20.11	20.21	20.33		
10	QPSK	25	0	20.32	20.33	20.09	21.5	0
10	QPSK	25	12	20.19	20.03	20.11		
10	QPSK	25	25	20.08	20.18	20.05		
10	QPSK	50	0	20.27	20.11	20.14		
10	16QAM	1	0	20.05	20.19	20.00	21.5	0
10	16QAM	1	25	20.25	20.05	20.22		
10	16QAM	1	49	19.99	20.05	20.10		
10	16QAM	25	0	20.21	20.04	19.99	21.5	0
10	16QAM	25	12	20.20	20.16	20.17		
10	16QAM	25	25	20.17	20.06	20.08		
10	16QAM	50	0	20.05	20.14	20.14		
10	64QAM	1	0	20.14	20.17	20.21	21.5	0
10	64QAM	1	25	20.04	20.23	20.26		
10	64QAM	1	49	20.07	20.08	20.20		
10	64QAM	25	0	19.76	20.22	20.14	21	0.5
10	64QAM	25	12	20.05	20.06	20.22		
10	64QAM	25	25	19.88	20.00	20.19		
10	64QAM	50	0	19.82	20.14	20.24		
10	256QAM	1	0	18.66	18.64	18.61	19	2.5
10	256QAM	1	25	18.60	18.61	18.69		
10	256QAM	1	49	18.65	18.65	18.63		
10	256QAM	25	0	18.61	18.62	18.64	19	2.5
10	256QAM	25	12	18.61	18.60	18.67		
10	256QAM	25	25	18.67	18.68	18.61		
10	256QAM	50	0	18.61	18.68	18.61		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.94	20.38	20.37	21.5	0
5	QPSK	1	12	19.95	20.29	20.38		
5	QPSK	1	24	20.10	20.33	20.32		
5	QPSK	12	0	20.15	20.20	20.14	21.5	0
5	QPSK	12	7	20.23	20.07	20.06		
5	QPSK	12	13	20.19	20.12	20.13		
5	QPSK	25	0	20.18	20.15	20.16		
5	16QAM	1	0	20.10	20.11	20.17	21.5	0
5	16QAM	1	12	20.24	20.10	20.05		
5	16QAM	1	24	20.19	20.18	20.00		
5	16QAM	12	0	20.31	20.18	20.18	21.5	0
5	16QAM	12	7	20.27	20.07	20.06		
5	16QAM	12	13	20.16	20.14	20.18		
5	16QAM	25	0	20.14	20.08	20.13		
5	64QAM	1	0	20.11	20.05	20.24	21.5	0
5	64QAM	1	12	20.15	20.08	20.10		
5	64QAM	1	24	20.24	20.19	20.18		
5	64QAM	12	0	19.90	20.19	20.15	21	0.5
5	64QAM	12	7	20.06	20.09	20.19		
5	64QAM	12	13	19.85	20.07	20.19		
5	64QAM	25	0	19.99	20.11	20.30		
5	256QAM	1	0	18.62	18.63	18.61	19	2.5
5	256QAM	1	12	18.62	18.64	18.65		
5	256QAM	1	24	18.67	18.60	18.60		
5	256QAM	12	0	18.65	18.61	18.63	19	2.5
5	256QAM	12	7	18.63	18.69	18.68		
5	256QAM	12	13	18.64	18.65	18.63		
5	256QAM	25	0	18.67	18.64	18.64		

Band 7_ANT 5(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.84	19.85	19.84	21.3	0
20	QPSK	1	49	19.79	19.75	19.73		
20	QPSK	1	99	19.81	19.78	19.83		
20	QPSK	50	0	19.76	19.82	19.80	21.3	0
20	QPSK	50	24	19.73	19.79	19.77		
20	QPSK	50	50	19.75	19.79	19.75		
20	QPSK	100	0	19.80	19.81	19.77		
20	16QAM	1	0	19.83	19.79	19.81	21.3	0
20	16QAM	1	49	19.71	19.75	19.80		
20	16QAM	1	99	19.82	19.82	19.71		
20	16QAM	50	0	19.75	19.76	19.71	21.3	0
20	16QAM	50	24	19.72	19.70	19.78		
20	16QAM	50	50	19.72	19.70	19.81		
20	16QAM	100	0	19.74	19.74	19.74		
20	64QAM	1	0	19.72	19.76	19.80	21.3	0
20	64QAM	1	49	19.74	19.78	19.81		
20	64QAM	1	99	19.76	19.77	19.77		
20	64QAM	50	0	19.73	19.79	19.71	21.3	0
20	64QAM	50	24	19.83	19.82	19.82		
20	64QAM	50	50	19.71	19.83	19.76		
20	64QAM	100	0	19.70	19.83	19.76		
20	256QAM	1	0	18.09	18.14	18.13	19.3	2
20	256QAM	1	49	18.09	18.13	18.04		
20	256QAM	1	99	18.13	18.08	18.14		
20	256QAM	50	0	17.99	17.98	17.93	19.3	2
20	256QAM	50	24	17.93	17.95	17.88		
20	256QAM	50	50	17.90	17.96	17.95		
20	256QAM	100	0	17.88	18.00	17.95		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.65	19.81	19.67	21.3	0
15	QPSK	1	37	19.66	19.69	19.60		
15	QPSK	1	74	19.72	19.70	19.71		
15	QPSK	36	0	19.68	19.73	19.74	21.3	0
15	QPSK	36	20	19.60	19.70	19.66		
15	QPSK	36	39	19.66	19.69	19.63		
15	QPSK	75	0	19.75	19.78	19.66		
15	16QAM	1	0	19.72	19.70	19.73	21.3	0
15	16QAM	1	37	19.59	19.72	19.69		
15	16QAM	1	74	19.71	19.73	19.65		
15	16QAM	36	0	19.65	19.66	19.65	21.3	0
15	16QAM	36	20	19.66	19.63	19.69		
15	16QAM	36	39	19.61	19.64	19.73		
15	16QAM	75	0	19.61	19.61	19.68		
15	64QAM	1	0	19.65	19.73	19.76	21.3	0
15	64QAM	1	37	19.63	19.69	19.69		
15	64QAM	1	74	19.69	19.66	19.66		
15	64QAM	36	0	19.70	19.74	19.67	21.3	0
15	64QAM	36	20	19.77	19.69	19.74		
15	64QAM	36	39	19.66	19.71	19.65		
15	64QAM	75	0	19.60	19.70	19.63		
15	256QAM	1	0	18.05	18.02	18.06	19.3	2
15	256QAM	1	37	18.00	18.07	17.92		
15	256QAM	1	74	18.10	17.97	18.03		
15	256QAM	36	0	17.88	17.87	17.81	19.3	2
15	256QAM	36	20	17.86	17.86	17.78		
15	256QAM	36	39	17.87	17.90	17.91		
15	256QAM	75	0	17.80	17.90	17.92		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.66	19.81	19.67	21.3	0
10	QPSK	1	25	19.69	19.68	19.70		
10	QPSK	1	49	19.78	19.65	19.73		
10	QPSK	25	0	19.67	19.74	19.77	21.3	0
10	QPSK	25	12	19.68	19.73	19.66		
10	QPSK	25	25	19.68	19.75	19.67		
10	QPSK	50	0	19.70	19.77	19.69		
10	16QAM	1	0	19.79	19.69	19.68	21.3	0
10	16QAM	1	25	19.66	19.68	19.76		
10	16QAM	1	49	19.79	19.72	19.59		
10	16QAM	25	0	19.62	19.69	19.63	21.3	0
10	16QAM	25	12	19.68	19.58	19.69		
10	16QAM	25	25	19.62	19.65	19.68		
10	16QAM	50	0	19.70	19.68	19.71		
10	64QAM	1	0	19.63	19.66	19.69	21.3	0
10	64QAM	1	25	19.63	19.73	19.73		
10	64QAM	1	49	19.67	19.74	19.72		
10	64QAM	25	0	19.67	19.70	19.66	21.3	0
10	64QAM	25	12	19.76	19.76	19.69		
10	64QAM	25	25	19.64	19.73	19.64		
10	64QAM	50	0	19.60	19.78	19.70		
10	256QAM	1	0	17.99	18.07	18.07	19.3	2
10	256QAM	1	25	18.05	18.01	17.97		
10	256QAM	1	49	18.06	18.03	18.06		
10	256QAM	25	0	17.86	17.92	17.82	19.3	2
10	256QAM	25	12	17.86	17.83	17.77		
10	256QAM	25	25	17.83	17.92	17.90		
10	256QAM	50	0	17.81	17.93	17.92		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.68	19.78	19.67	21.3	0
5	QPSK	1	12	19.69	19.62	19.68		
5	QPSK	1	24	19.77	19.72	19.73		
5	QPSK	12	0	19.66	19.79	19.76	21.3	0
5	QPSK	12	7	19.64	19.75	19.64		
5	QPSK	12	13	19.72	19.69	19.72		
5	QPSK	25	0	19.72	19.68	19.74		
5	16QAM	1	0	19.76	19.72	19.69	21.3	0
5	16QAM	1	12	19.65	19.65	19.73		
5	16QAM	1	24	19.74	19.71	19.63		
5	16QAM	12	0	19.69	19.71	19.68	21.3	0
5	16QAM	12	7	19.69	19.63	19.69		
5	16QAM	12	13	19.60	19.64	19.78		
5	16QAM	25	0	19.61	19.71	19.67		
5	64QAM	1	0	19.67	19.65	19.77	21.3	0
5	64QAM	1	12	19.65	19.69	19.75		
5	64QAM	1	24	19.64	19.74	19.67		
5	64QAM	12	0	19.69	19.69	19.67	21.3	0
5	64QAM	12	7	19.71	19.74	19.78		
5	64QAM	12	13	19.63	19.79	19.71		
5	64QAM	25	0	19.64	19.80	19.72		
5	256QAM	1	0	18.04	18.05	18.02	19.3	2
5	256QAM	1	12	18.00	18.07	17.92		
5	256QAM	1	24	18.09	18.04	18.10		
5	256QAM	12	0	17.90	17.93	17.83	19.3	2
5	256QAM	12	7	17.89	17.91	17.80		
5	256QAM	12	13	17.78	17.84	17.85		
5	256QAM	25	0	17.84	17.97	17.90		

Band 12_ANT 0(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	23.00	22.87	24	0
10	QPSK	1	25	22.77	22.78	22.74		
10	QPSK	1	49	22.70	22.55	22.64		
10	QPSK	25	0	21.74	21.77	21.75	23	1
10	QPSK	25	12	21.72	21.74	21.74		
10	QPSK	25	25	21.73	21.76	21.72		
10	QPSK	50	0	21.71	21.75	21.74		
10	16QAM	1	0	22.11	21.98	22.17	23	1
10	16QAM	1	25	22.34	22.10	22.09		
10	16QAM	1	49	22.36	22.03	21.99		
10	16QAM	25	0	20.82	20.70	20.72	22	2
10	16QAM	25	12	20.83	20.76	20.80		
10	16QAM	25	25	20.80	20.80	20.66		
10	16QAM	50	0	20.70	20.62	20.79		
10	64QAM	1	0	20.61	21.03	21.03	22	2
10	64QAM	1	25	21.12	21.06	21.07		
10	64QAM	1	49	20.98	21.11	20.94		
10	64QAM	25	0	19.70	19.80	19.68	21	3
10	64QAM	25	12	19.70	19.76	19.68		
10	64QAM	25	25	19.71	19.76	19.77		
10	64QAM	50	0	19.73	19.69	19.78		
10	256QAM	1	0	17.96	18.04	17.95	19	5
10	256QAM	1	25	17.99	18.03	17.97		
10	256QAM	1	49	18.03	17.95	17.94		
10	256QAM	25	0	17.93	17.97	17.90	19	5
10	256QAM	25	12	17.96	17.89	18.00		
10	256QAM	25	25	17.95	17.91	17.92		
10	256QAM	50	0	18.00	17.90	17.94		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.66	22.66	22.65	24	0
5	QPSK	1	12	22.76	22.75	22.72		
5	QPSK	1	24	22.69	22.67	22.65		
5	QPSK	12	0	21.69	21.69	21.65	23	1
5	QPSK	12	7	21.78	21.70	21.67		
5	QPSK	12	13	21.73	21.74	21.72		
5	QPSK	25	0	21.75	21.67	21.64		
5	16QAM	1	0	22.10	22.02	22.03	23	1
5	16QAM	1	12	22.16	22.15	22.18		
5	16QAM	1	24	22.05	22.09	22.00		
5	16QAM	12	0	20.76	20.77	20.71	22	2
5	16QAM	12	7	20.83	20.81	20.73		
5	16QAM	12	13	20.79	20.83	20.74		
5	16QAM	25	0	20.77	20.70	20.63		
5	64QAM	1	0	20.99	20.95	20.95	22	2
5	64QAM	1	12	21.02	21.06	20.98		
5	64QAM	1	24	20.89	20.95	20.96		
5	64QAM	12	0	19.73	19.75	19.66	21	3
5	64QAM	12	7	19.80	19.74	19.67		
5	64QAM	12	13	19.78	19.79	19.72		
5	64QAM	25	0	19.77	19.69	19.63		
5	256QAM	1	0	17.96	18.07	17.93	19	5
5	256QAM	1	12	18.01	18.07	18.01		
5	256QAM	1	24	18.07	17.98	17.96		
5	256QAM	12	0	17.97	17.98	17.89	19	5
5	256QAM	12	7	17.96	17.89	17.98		
5	256QAM	12	13	17.98	17.91	17.90		
5	256QAM	25	0	18.00	17.90	17.95		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.66	22.59	22.58	24	0
3	QPSK	1	8	22.69	22.66	22.61		
3	QPSK	1	14	22.57	22.58	22.52		
3	QPSK	8	0	21.74	21.65	21.61	23	1
3	QPSK	8	4	21.72	21.73	21.59		
3	QPSK	8	7	21.70	21.69	21.62		
3	QPSK	15	0	21.68	21.63	21.55		
3	16QAM	1	0	21.94	22.01	21.96	23	1
3	16QAM	1	8	22.11	22.08	22.04		
3	16QAM	1	14	21.99	21.93	21.91		
3	16QAM	8	0	20.84	20.75	20.70	22	2
3	16QAM	8	4	20.83	20.81	20.70		
3	16QAM	8	7	20.80	20.78	20.72		
3	16QAM	15	0	20.73	20.65	20.58		
3	64QAM	1	0	20.92	20.86	20.83	22	2
3	64QAM	1	8	20.94	20.90	20.89		
3	64QAM	1	14	20.92	20.86	20.83		
3	64QAM	8	0	19.77	19.72	19.64	21	3
3	64QAM	8	4	19.80	19.79	19.66		
3	64QAM	8	7	19.77	19.70	19.68		
3	64QAM	15	0	19.74	19.65	19.62		
3	256QAM	1	0	17.96	18.02	17.95	19	5
3	256QAM	1	8	18.03	18.02	17.99		
3	256QAM	1	14	17.99	17.98	17.91		
3	256QAM	8	0	17.97	17.93	17.93	19	5
3	256QAM	8	4	17.93	17.85	17.96		
3	256QAM	8	7	17.93	17.90	17.88		
3	256QAM	15	0	18.00	17.87	17.97		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.68	22.64	22.58	24	0
1.4	QPSK	1	3	22.65	22.67	22.61		
1.4	QPSK	1	5	22.60	22.62	22.57		
1.4	QPSK	3	0	22.68	22.69	22.63		
1.4	QPSK	3	1	22.69	22.70	22.66		
1.4	QPSK	3	3	22.68	22.70	22.62		
1.4	QPSK	6	0	21.68	21.59	21.60	23	1
1.4	16QAM	1	0	22.06	22.05	22.10	23	1
1.4	16QAM	1	3	22.08	22.12	21.95		
1.4	16QAM	1	5	22.03	22.03	22.00		
1.4	16QAM	3	0	21.89	21.92	21.79		
1.4	16QAM	3	1	21.87	21.87	21.78		
1.4	16QAM	3	3	21.88	21.85	21.77		
1.4	16QAM	6	0	20.77	20.69	20.67	22	2
1.4	64QAM	1	0	20.96	20.91	20.88	22	2
1.4	64QAM	1	3	20.90	20.94	20.84		
1.4	64QAM	1	5	20.83	20.89	20.79		
1.4	64QAM	3	0	20.86	20.84	20.75		
1.4	64QAM	3	1	20.83	20.88	20.79		
1.4	64QAM	3	3	20.78	20.73	20.72		
1.4	64QAM	6	0	19.75	19.64	19.65	21	3
1.4	256QAM	1	0	17.96	18.04	17.96	19	5
1.4	256QAM	1	3	18.03	18.06	17.96		
1.4	256QAM	1	5	18.02	17.96	17.97		
1.4	256QAM	3	0	17.91	17.97	17.91		
1.4	256QAM	3	1	17.99	17.93	17.97		
1.4	256QAM	3	3	17.97	17.89	17.88		
1.4	256QAM	6	0	18.02	17.90	17.93	19	5

Band 13_ANT 0(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.05		24	0
10	QPSK	1	25		23.01			
10	QPSK	1	49		23.04			
10	QPSK	25	0		22.06		23	1
10	QPSK	25	12		22.05			
10	QPSK	25	25		22.00			
10	QPSK	50	0		22.05			
10	16QAM	1	0		22.78		23	1
10	16QAM	1	25		22.36			
10	16QAM	1	49		22.54			
10	16QAM	25	0		21.10		22	2
10	16QAM	25	12		21.15			
10	16QAM	25	25		21.14			
10	16QAM	50	0		21.02			
10	64QAM	1	0		21.18		22	2
10	64QAM	1	25		21.38			
10	64QAM	1	49		21.36			
10	64QAM	25	0		20.04		21	3
10	64QAM	25	12		20.17			
10	64QAM	25	25		20.06			
10	64QAM	50	0		20.15			
10	256QAM	1	0		18.14		19	5
10	256QAM	1	25		18.21			
10	256QAM	1	49		18.10			
10	256QAM	25	0		17.99		19	5
10	256QAM	25	12		18.02			
10	256QAM	25	25		18.00			
10	256QAM	50	0		18.06			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.80	22.78	22.86	24	0
5	QPSK	1	12	22.79	22.91	22.74		
5	QPSK	1	24	22.85	22.75	22.79		
5	QPSK	12	0	21.78	21.73	21.76	23	1
5	QPSK	12	7	21.78	21.76	21.72		
5	QPSK	12	13	21.79	21.78	21.78		
5	QPSK	25	0	21.79	21.73	21.79		
5	16QAM	1	0	22.31	22.07	22.01	23	1
5	16QAM	1	12	22.24	22.28	22.39		
5	16QAM	1	24	22.04	22.20	22.31		
5	16QAM	12	0	20.81	20.80	20.77	22	2
5	16QAM	12	7	20.87	20.90	20.87		
5	16QAM	12	13	20.75	20.88	20.84		
5	16QAM	25	0	20.78	20.80	20.75		
5	64QAM	1	0	20.89	20.91	21.27	22	2
5	64QAM	1	12	20.85	21.31	21.04		
5	64QAM	1	24	20.82	21.00	20.90		
5	64QAM	12	0	19.80	19.77	19.93	21	3
5	64QAM	12	7	19.91	19.78	19.78		
5	64QAM	12	13	19.87	19.79	19.90		
5	64QAM	25	0	19.80	19.81	19.82		
5	256QAM	1	0	18.15	18.06	18.23	19	5
5	256QAM	1	12	18.22	18.18	18.26		
5	256QAM	1	24	18.14	18.06	18.17		
5	256QAM	12	0	18.01	17.98	18.02	19	5
5	256QAM	12	7	18.02	17.98	18.09		
5	256QAM	12	13	18.02	17.91	18.01		
5	256QAM	25	0	18.09	18.01	18.11		

Band 17_ANT 0(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.89	22.99	22.92	24	0
10	QPSK	1	25	22.81	22.92	22.83		
10	QPSK	1	49	22.72	22.86	22.62		
10	QPSK	25	0	21.82	21.84	21.82	23	1
10	QPSK	25	12	21.81	21.83	21.80		
10	QPSK	25	25	21.74	21.71	21.81		
10	QPSK	50	0	21.59	21.76	21.74		
10	16QAM	1	0	22.09	21.87	21.93	23	1
10	16QAM	1	25	22.12	22.19	22.36		
10	16QAM	1	49	21.96	22.09	22.18		
10	16QAM	25	0	20.77	20.66	20.77	22	2
10	16QAM	25	12	20.89	20.81	20.86		
10	16QAM	25	25	20.80	20.79	20.71		
10	16QAM	50	0	20.63	20.60	20.61		
10	64QAM	1	0	20.76	21.02	20.89	22	2
10	64QAM	1	25	21.05	20.96	20.98		
10	64QAM	1	49	20.89	20.84	20.55		
10	64QAM	25	0	19.68	19.75	19.78	21	3
10	64QAM	25	12	19.83	19.71	19.83		
10	64QAM	25	25	19.80	19.76	19.62		
10	64QAM	50	0	19.69	19.71	19.65		
10	256QAM	1	0	17.92	17.90	17.88	19	5
10	256QAM	1	25	18.01	18.00	17.98		
10	256QAM	1	49	18.02	17.88	17.93		
10	256QAM	25	0	17.99	17.96	17.93	19	5
10	256QAM	25	12	17.94	18.02	17.95		
10	256QAM	25	25	17.92	17.90	17.94		
10	256QAM	50	0	17.89	17.91	17.92		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.71	22.69	22.69	24	0
5	QPSK	1	12	22.65	22.68	22.69		
5	QPSK	1	24	22.56	22.61	22.61		
5	QPSK	12	0	21.66	21.69	21.67	23	1
5	QPSK	12	7	21.73	21.67	21.64		
5	QPSK	12	13	21.66	21.68	21.66		
5	QPSK	25	0	21.68	21.62	21.62		
5	16QAM	1	0	22.04	22.02	22.04	23	1
5	16QAM	1	12	22.11	22.02	22.19		
5	16QAM	1	24	21.97	21.98	21.96		
5	16QAM	12	0	20.73	20.75	20.75	22	2
5	16QAM	12	7	20.77	20.72	20.72		
5	16QAM	12	13	20.74	20.71	20.71		
5	16QAM	25	0	20.71	20.67	20.65		
5	64QAM	1	0	20.97	20.94	20.94	22	2
5	64QAM	1	12	20.89	20.99	20.93		
5	64QAM	1	24	20.84	20.86	20.85		
5	64QAM	12	0	19.72	19.74	19.71	21	3
5	64QAM	12	7	19.77	19.76	19.76		
5	64QAM	12	13	19.71	19.69	19.68		
5	64QAM	25	0	19.73	19.69	19.65		
5	256QAM	1	0	17.95	17.88	17.93	19	5
5	256QAM	1	12	17.97	18.02	18.03		
5	256QAM	1	24	17.99	17.93	17.90		
5	256QAM	12	0	18.03	17.90	17.99	19	5
5	256QAM	12	7	17.98	17.98	17.99		
5	256QAM	12	13	17.95	17.95	17.93		
5	256QAM	25	0	17.88	17.93	17.89		

Band 25_ANT 2(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.02	21.20	21.19	22	0
20	QPSK	1	49	20.86	21.13	21.10		
20	QPSK	1	99	20.94	21.00	20.99		
20	QPSK	50	0	20.99	21.06	21.05	22	0
20	QPSK	50	24	20.96	21.03	20.94		
20	QPSK	50	50	20.93	21.03	20.92		
20	QPSK	100	0	20.98	21.05	21.05		
20	16QAM	1	0	21.04	21.09	21.04	22	0
20	16QAM	1	49	21.05	21.06	21.04		
20	16QAM	1	99	21.03	21.09	20.78		
20	16QAM	50	0	20.98	21.07	20.99	22	0
20	16QAM	50	24	21.05	21.09	20.86		
20	16QAM	50	50	21.03	21.07	20.90		
20	16QAM	100	0	20.94	21.08	21.01		
20	64QAM	1	0	20.99	21.03	20.97	22	0
20	64QAM	1	49	20.90	20.97	21.01		
20	64QAM	1	99	20.96	20.89	21.06		
20	64QAM	50	0	20.83	21.00	20.87	21.8	0.2
20	64QAM	50	24	21.09	20.95	21.07		
20	64QAM	50	50	21.01	21.08	20.94		
20	64QAM	100	0	20.99	21.06	20.98		
20	256QAM	1	0	19.56	19.55	19.50	19.8	2.2
20	256QAM	1	49	19.57	19.57	19.56		
20	256QAM	1	99	19.50	19.50	19.54		
20	256QAM	50	0	19.41	19.47	19.42	19.8	2.2
20	256QAM	50	24	19.49	19.48	19.44		
20	256QAM	50	50	19.52	19.52	19.48		
20	256QAM	100	0	19.48	19.46	19.43		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.98	21.16	21.15	22	0
15	QPSK	1	37	20.76	20.93	21.04		
15	QPSK	1	74	20.73	20.79	20.91		
15	QPSK	36	0	20.78	20.86	20.88	22	0
15	QPSK	36	20	20.88	20.86	20.85		
15	QPSK	36	39	20.85	20.95	20.88		
15	QPSK	75	0	20.84	20.97	20.89		
15	16QAM	1	0	20.94	20.99	20.89	22	0
15	16QAM	1	37	21.00	20.91	20.88		
15	16QAM	1	74	20.83	20.96	20.72		
15	16QAM	36	0	20.91	20.89	20.96	22	0
15	16QAM	36	20	20.95	20.92	20.68		
15	16QAM	36	39	20.82	20.97	20.82		
15	16QAM	75	0	20.82	21.05	20.97		
15	64QAM	1	0	20.92	20.89	20.86	22	0
15	64QAM	1	37	20.81	20.90	20.83		
15	64QAM	1	74	20.90	20.68	20.98		
15	64QAM	36	0	20.67	20.78	20.71	21.8	0.2
15	64QAM	36	20	20.97	20.88	21.05		
15	64QAM	36	39	20.93	21.00	20.77		
15	64QAM	75	0	20.79	20.85	20.91		
15	256QAM	1	0	19.51	19.56	19.51	19.8	2.2
15	256QAM	1	37	19.58	19.57	19.57		
15	256QAM	1	74	19.56	19.53	19.51		
15	256QAM	36	0	19.59	19.56	19.54	19.8	2.2
15	256QAM	36	20	19.54	19.54	19.56		
15	256QAM	36	39	19.59	19.56	19.52		
15	256QAM	75	0	19.50	19.45	19.54		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.96	21.15	21.17	22	0
10	QPSK	1	25	20.79	21.02	20.90		
10	QPSK	1	49	20.76	20.98	20.83		
10	QPSK	25	0	20.90	21.02	20.85	22	0
10	QPSK	25	12	20.87	20.95	20.77		
10	QPSK	25	25	20.73	20.94	20.70		
10	QPSK	50	0	20.84	20.92	20.91		
10	16QAM	1	0	20.86	21.06	20.97	22	0
10	16QAM	1	25	20.95	20.95	21.01		
10	16QAM	1	49	20.93	20.91	20.65		
10	16QAM	25	0	20.90	20.99	20.92	22	0
10	16QAM	25	12	21.02	21.07	20.78		
10	16QAM	25	25	20.82	20.91	20.76		
10	16QAM	50	0	20.74	21.06	20.85		
10	64QAM	1	0	20.97	20.98	20.91	22	0
10	64QAM	1	25	20.76	20.84	20.85		
10	64QAM	1	49	20.91	20.84	20.85		
10	64QAM	25	0	20.79	20.91	20.75	21.8	0.2
10	64QAM	25	12	20.91	20.92	20.99		
10	64QAM	25	25	20.85	20.95	20.84		
10	64QAM	50	0	20.85	21.04	20.80		
10	256QAM	1	0	19.52	19.45	19.53	19.8	2.2
10	256QAM	1	25	19.53	19.57	19.51		
10	256QAM	1	49	19.58	19.51	19.54		
10	256QAM	25	0	19.59	19.55	19.55	19.8	2.2
10	256QAM	25	12	19.57	19.56	19.58		
10	256QAM	25	25	19.56	19.46	19.55		
10	256QAM	50	0	19.57	19.54	19.59		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.97	21.16	20.97	22	0
5	QPSK	1	12	20.73	20.95	20.98		
5	QPSK	1	24	20.80	20.82	20.89		
5	QPSK	12	0	20.82	21.04	20.88	22	0
5	QPSK	12	7	20.78	20.89	20.75		
5	QPSK	12	13	20.80	20.97	20.87		
5	QPSK	25	0	20.95	21.01	21.00		
5	16QAM	1	0	20.93	20.91	20.98	22	0
5	16QAM	1	12	20.93	20.95	20.94		
5	16QAM	1	24	20.97	20.92	20.74		
5	16QAM	12	0	20.81	20.98	20.87	22	0
5	16QAM	12	7	20.88	21.06	20.83		
5	16QAM	12	13	20.83	20.85	20.73		
5	16QAM	25	0	20.74	20.88	20.85		
5	64QAM	1	0	20.97	20.94	20.78	22	0
5	64QAM	1	12	20.87	20.90	20.79		
5	64QAM	1	24	20.86	20.72	20.97		
5	64QAM	12	0	20.81	20.85	20.73	21.8	0.2
5	64QAM	12	7	20.95	20.92	20.85		
5	64QAM	12	13	20.82	21.04	20.76		
5	64QAM	25	0	20.91	20.85	20.93		
5	256QAM	1	0	19.52	19.46	19.51	19.8	2.2
5	256QAM	1	12	19.54	19.59	19.55		
5	256QAM	1	24	19.52	19.45	19.50		
5	256QAM	12	0	19.54	19.49	19.59	19.8	2.2
5	256QAM	12	7	19.53	19.58	19.56		
5	256QAM	12	13	19.55	19.54	19.55		
5	256QAM	25	0	19.58	19.46	19.56		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.98	21.06	21.08	22	0
3	QPSK	1	8	20.76	20.99	21.07		
3	QPSK	1	14	20.73	20.81	20.97		
3	QPSK	8	0	20.80	20.84	20.85	22	0
3	QPSK	8	4	20.81	20.93	20.91		
3	QPSK	8	7	20.72	21.01	20.85		
3	QPSK	15	0	20.82	21.02	20.98		
3	16QAM	1	0	20.95	20.99	20.98	22	0
3	16QAM	1	8	20.95	20.95	20.92		
3	16QAM	1	14	20.98	20.98	20.73		
3	16QAM	8	0	20.91	20.94	20.92	22	0
3	16QAM	8	4	20.93	20.87	20.78		
3	16QAM	8	7	20.87	21.04	20.74		
3	16QAM	15	0	20.79	21.00	20.82		
3	64QAM	1	0	20.93	20.85	20.94	22	0
3	64QAM	1	8	20.79	20.78	20.92		
3	64QAM	1	14	20.81	20.80	20.86		
3	64QAM	8	0	20.81	20.86	20.66	21.8	0.2
3	64QAM	8	4	21.06	20.79	21.00		
3	64QAM	8	7	20.94	20.89	20.79		
3	64QAM	15	0	20.96	20.93	20.88		
3	256QAM	1	0	19.50	19.46	19.56	19.8	2.2
3	256QAM	1	8	19.54	19.55	19.54		
3	256QAM	1	14	19.58	19.52	19.53		
3	256QAM	8	0	19.58	19.52	19.58	19.8	2.2
3	256QAM	8	4	19.56	19.51	19.51		
3	256QAM	8	7	19.56	19.55	19.50		
3	256QAM	15	0	19.57	19.46	19.50		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.85	21.17	21.15	22	0
1.4	QPSK	1	3	20.96	21.01	20.96		
1.4	QPSK	1	5	20.76	20.94	20.86		
1.4	QPSK	3	0	20.82	20.90	20.98		
1.4	QPSK	3	1	20.92	21.00	20.79		
1.4	QPSK	3	3	20.75	20.83	20.85		
1.4	QPSK	6	0	20.87	20.87	21.02	22	0
1.4	16QAM	1	0	20.91	21.04	20.85	22	0
1.4	16QAM	1	3	20.92	20.91	20.91		
1.4	16QAM	1	5	20.97	21.03	20.74		
1.4	16QAM	3	0	20.83	20.93	20.80		
1.4	16QAM	3	1	20.85	21.02	20.76		
1.4	16QAM	3	3	20.81	20.88	20.86		
1.4	16QAM	6	0	20.92	20.91	20.83	22	0
1.4	64QAM	1	0	20.91	20.81	20.84	22	0
1.4	64QAM	1	3	20.74	20.76	20.87		
1.4	64QAM	1	5	20.82	20.87	20.93		
1.4	64QAM	3	0	20.72	20.85	20.84		
1.4	64QAM	3	1	21.00	20.87	20.97		
1.4	64QAM	3	3	20.85	21.06	20.82		
1.4	64QAM	6	0	20.81	20.89	20.89	21.8	0.2
1.4	256QAM	1	0	19.51	19.56	19.54	19.8	2.2
1.4	256QAM	1	3	19.55	19.56	19.57		
1.4	256QAM	1	5	19.51	19.52	19.55		
1.4	256QAM	3	0	19.59	19.52	19.58		
1.4	256QAM	3	1	19.58	19.54	19.55		
1.4	256QAM	3	3	19.51	19.45	19.51		
1.4	256QAM	6	0	19.58	19.56	19.55	19.8	2.2

Band 26 for FCC_ANT 0(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.91	22.96	22.84	24	0
15	QPSK	1	37	22.84	22.82	22.82		
15	QPSK	1	74	22.77	22.88	22.72		
15	QPSK	36	0	21.76	21.77	21.75	23	1
15	QPSK	36	20	21.70	21.74	21.61		
15	QPSK	36	39	21.75	21.72	21.74		
15	QPSK	75	0	21.71	21.76	21.75		
15	16QAM	1	0	21.86	21.78	21.79	23	1
15	16QAM	1	37	22.03	21.91	22.28		
15	16QAM	1	74	22.14	21.70	21.95		
15	16QAM	36	0	20.71	20.70	20.72	22	2
15	16QAM	36	20	20.78	20.78	20.68		
15	16QAM	36	39	20.77	20.75	20.71		
15	16QAM	75	0	20.76	20.74	20.75		
15	64QAM	1	0	20.89	21.07	21.29	22	2
15	64QAM	1	37	20.72	21.09	20.81		
15	64QAM	1	74	20.86	21.02	20.70		
15	64QAM	36	0	19.69	19.63	19.67	21	3
15	64QAM	36	20	19.74	19.72	19.72		
15	64QAM	36	39	19.73	19.84	19.80		
15	64QAM	75	0	19.77	19.71	19.69		
15	256QAM	1	0	18.10	17.98	17.99	19	5
15	256QAM	1	37	18.00	18.06	18.02		
15	256QAM	1	74	18.01	17.99	17.91		
15	256QAM	36	0	17.96	18.05	17.85	19	5
15	256QAM	36	20	17.95	17.86	17.88		
15	256QAM	36	39	17.86	17.80	17.87		
15	256QAM	75	0	17.92	17.88	17.89		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.61	22.58	22.81	24	0
10	QPSK	1	25	22.76	22.66	22.76		
10	QPSK	1	49	22.65	22.58	22.62		
10	QPSK	25	0	21.67	21.69	21.75	23	1
10	QPSK	25	12	21.85	21.61	21.68		
10	QPSK	25	25	21.73	21.70	21.71		
10	QPSK	50	0	21.75	21.66	21.69		
10	16QAM	1	0	22.27	22.12	22.01	23	1
10	16QAM	1	25	22.14	22.33	21.76		
10	16QAM	1	49	22.01	22.14	22.12		
10	16QAM	25	0	20.69	20.73	20.90	22	2
10	16QAM	25	12	20.79	20.62	20.83		
10	16QAM	25	25	20.79	20.74	20.77		
10	16QAM	50	0	20.76	20.77	20.69		
10	64QAM	1	0	20.75	20.82	20.78	22	2
10	64QAM	1	25	21.27	21.01	21.17		
10	64QAM	1	49	20.62	21.06	20.66		
10	64QAM	25	0	19.77	19.75	19.85	21	3
10	64QAM	25	12	19.71	19.67	19.66		
10	64QAM	25	25	19.74	19.69	19.79		
10	64QAM	50	0	19.75	19.77	19.79		
10	256QAM	1	0	18.09	17.97	17.95	19	5
10	256QAM	1	25	17.99	17.98	18.02		
10	256QAM	1	49	18.05	17.88	18.02		
10	256QAM	25	0	17.95	17.81	18.08	19	5
10	256QAM	25	12	17.96	17.91	17.89		
10	256QAM	25	25	17.88	17.84	17.80		
10	256QAM	50	0	17.91	17.87	17.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.65	22.61	22.76	24	0
5	QPSK	1	12	22.77	22.69	22.91		
5	QPSK	1	24	22.61	22.55	22.55		
5	QPSK	12	0	21.71	21.59	21.67	23	1
5	QPSK	12	7	21.74	21.60	21.75		
5	QPSK	12	13	21.72	21.74	21.80		
5	QPSK	25	0	21.74	21.69	21.68		
5	16QAM	1	0	22.12	21.81	22.17	23	1
5	16QAM	1	12	22.34	22.01	22.42		
5	16QAM	1	24	22.31	22.02	22.13		
5	16QAM	12	0	20.77	20.66	20.81	22	2
5	16QAM	12	7	20.96	20.65	20.81		
5	16QAM	12	13	20.87	20.74	20.85		
5	16QAM	25	0	20.74	20.72	20.77		
5	64QAM	1	0	21.08	20.64	20.75	22	2
5	64QAM	1	12	21.10	21.12	21.09		
5	64QAM	1	24	21.30	20.96	20.93		
5	64QAM	12	0	19.71	19.71	19.76	21	3
5	64QAM	12	7	19.88	19.80	19.91		
5	64QAM	12	13	19.77	19.63	19.79		
5	64QAM	25	0	19.88	19.66	19.62		
5	256QAM	1	0	18.14	18.00	17.99	19	5
5	256QAM	1	12	18.04	17.98	18.03		
5	256QAM	1	24	18.02	17.95	17.97		
5	256QAM	12	0	17.97	17.81	18.09	19	5
5	256QAM	12	7	17.96	17.92	17.84		
5	256QAM	12	13	17.82	17.91	17.82		
5	256QAM	25	0	17.89	17.85	17.88		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.57	22.54	22.68	24	0
3	QPSK	1	8	22.69	22.69	22.71		
3	QPSK	1	14	22.59	22.57	22.57		
3	QPSK	8	0	21.80	21.63	21.69	23	1
3	QPSK	8	4	21.80	21.72	21.78		
3	QPSK	8	7	21.72	21.66	21.75		
3	QPSK	15	0	21.76	21.70	21.71		
3	16QAM	1	0	22.08	22.18	22.04	23	1
3	16QAM	1	8	22.26	21.70	22.11		
3	16QAM	1	14	21.97	21.88	22.05		
3	16QAM	8	0	20.81	20.87	20.70	22	2
3	16QAM	8	4	20.89	20.81	20.87		
3	16QAM	8	7	20.84	20.76	21.05		
3	16QAM	15	0	20.69	20.68	20.73		
3	64QAM	1	0	20.74	20.93	20.79	22	2
3	64QAM	1	8	20.95	20.63	20.58		
3	64QAM	1	14	20.89	20.60	20.55		
3	64QAM	8	0	19.66	19.75	19.65	21	3
3	64QAM	8	4	19.79	19.61	19.86		
3	64QAM	8	7	19.88	19.74	19.80		
3	64QAM	15	0	19.79	19.73	19.73		
3	256QAM	1	0	18.14	18.02	17.95	19	5
3	256QAM	1	8	18.01	18.01	18.03		
3	256QAM	1	14	18.05	17.93	18.03		
3	256QAM	8	0	17.92	17.86	18.08	19	5
3	256QAM	8	4	17.96	17.85	17.86		
3	256QAM	8	7	17.86	17.85	17.76		
3	256QAM	15	0	17.89	17.93	17.91		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.53	22.70	24	0
1.4	QPSK	1	3	22.73	22.60	22.66		
1.4	QPSK	1	5	22.62	22.58	22.73		
1.4	QPSK	3	0	22.73	22.58	22.63		
1.4	QPSK	3	1	22.75	22.64	22.70		
1.4	QPSK	3	3	22.77	22.58	22.71		
1.4	QPSK	6	0	21.76	21.62	21.69	23	1
1.4	16QAM	1	0	21.80	21.78	22.18	23	1
1.4	16QAM	1	3	22.30	22.26	21.94		
1.4	16QAM	1	5	22.07	21.98	21.83		
1.4	16QAM	3	0	21.77	21.78	21.88		
1.4	16QAM	3	1	21.81	21.89	21.88		
1.4	16QAM	3	3	21.70	21.87	21.91		
1.4	16QAM	6	0	20.84	20.72	20.87	22	2
1.4	64QAM	1	0	21.05	20.89	20.69	22	2
1.4	64QAM	1	3	21.13	20.58	20.63		
1.4	64QAM	1	5	20.86	20.67	20.74		
1.4	64QAM	3	0	20.86	20.87	20.60		
1.4	64QAM	3	1	20.81	20.80	20.93		
1.4	64QAM	3	3	20.72	20.92	20.83		
1.4	64QAM	6	0	19.81	19.80	19.71	21	3
1.4	256QAM	1	0	18.14	18.02	17.94	19	5
1.4	256QAM	1	3	18.03	18.06	18.03		
1.4	256QAM	1	5	17.98	17.88	17.95		
1.4	256QAM	3	0	17.99	17.89	18.01		
1.4	256QAM	3	1	17.97	17.89	17.84		
1.4	256QAM	3	3	17.82	17.89	17.79		
1.4	256QAM	6	0	17.95	17.89	17.89	19	5

Band 30_ANT 2(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.10		22	0
10	QPSK	1	25		21.08			
10	QPSK	1	49		20.91			
10	QPSK	25	0		20.98		22	0
10	QPSK	25	12		20.96			
10	QPSK	25	25		20.93			
10	QPSK	50	0		20.97			
10	16QAM	1	0		21.02		22	0
10	16QAM	1	25		21.09			
10	16QAM	1	49		21.01			
10	16QAM	25	0		20.97		22	0
10	16QAM	25	12		21.00			
10	16QAM	25	25		21.05			
10	16QAM	50	0		20.91			
10	64QAM	1	0		21.05		22	0
10	64QAM	1	25		21.02			
10	64QAM	1	49		21.07			
10	64QAM	25	0		20.99		21.8	0.2
10	64QAM	25	12		21.00			
10	64QAM	25	25		20.88			
10	64QAM	50	0		20.92			
10	256QAM	1	0		18.54		19.8	2.2
10	256QAM	1	25		18.77			
10	256QAM	1	49		18.53			
10	256QAM	25	0		18.49		19.8	2.2
10	256QAM	25	12		18.52			
10	256QAM	25	25		18.54			
10	256QAM	50	0		18.47			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.84	20.88	20.91	22	0
5	QPSK	1	12	20.92	20.96	20.95		
5	QPSK	1	24	20.85	20.87	20.82		
5	QPSK	12	0	20.77	20.84	20.90	22	0
5	QPSK	12	7	20.89	20.90	20.97		
5	QPSK	12	13	20.89	20.86	20.89		
5	QPSK	25	0	20.85	20.84	20.93		
5	16QAM	1	0	20.97	21.01	20.94	22	0
5	16QAM	1	12	20.78	20.87	20.81		
5	16QAM	1	24	20.99	20.91	20.88		
5	16QAM	12	0	20.82	20.90	20.97	22	0
5	16QAM	12	7	20.97	20.97	21.00		
5	16QAM	12	13	20.93	20.93	20.93		
5	16QAM	25	0	20.88	20.86	20.92		
5	64QAM	1	0	20.72	20.92	20.89	22	0
5	64QAM	1	12	20.81	20.93	20.87		
5	64QAM	1	24	20.78	20.82	20.91		
5	64QAM	12	0	20.57	20.68	20.72	21.8	0.2
5	64QAM	12	7	20.74	20.70	20.74		
5	64QAM	12	13	20.69	20.64	20.69		
5	64QAM	25	0	20.64	20.66	20.72		
5	256QAM	1	0	18.90	18.96	18.92	19.8	2.2
5	256QAM	1	12	18.95	18.96	18.92		
5	256QAM	1	24	18.94	18.86	18.90		
5	256QAM	12	0	18.90	18.91	18.91	19.8	2.2
5	256QAM	12	7	18.80	18.88	18.85		
5	256QAM	12	13	18.86	18.88	18.84		
5	256QAM	25	0	18.84	18.91	18.88		

Band 66_ANT 2(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.27	21.33	21.18	22	0
20	QPSK	1	49	21.25	21.30	21.00		
20	QPSK	1	99	20.97	21.10	20.86		
20	QPSK	50	0	21.17	21.19	21.18	22	0
20	QPSK	50	24	21.10	21.18	21.09		
20	QPSK	50	50	21.11	21.14	21.04		
20	QPSK	100	0	21.13	21.19	21.12		
20	16QAM	1	0	21.19	21.10	21.02	22	0
20	16QAM	1	49	21.18	21.14	21.13		
20	16QAM	1	99	21.18	21.16	21.04		
20	16QAM	50	0	21.16	21.15	21.17	22	0
20	16QAM	50	24	21.11	21.18	21.08		
20	16QAM	50	50	21.12	21.13	21.04		
20	16QAM	100	0	21.12	21.17	21.15		
20	64QAM	1	0	21.10	21.18	21.16	22	0
20	64QAM	1	49	21.15	21.19	21.06		
20	64QAM	1	99	21.11	21.16	21.16		
20	64QAM	50	0	21.02	21.15	20.75	21.8	0.2
20	64QAM	50	24	21.06	21.11	20.61		
20	64QAM	50	50	21.15	21.12	20.95		
20	64QAM	100	0	21.17	21.18	20.78		
20	256QAM	1	0	19.39	19.53	19.47	19.8	2.2
20	256QAM	1	49	19.25	19.64	19.53		
20	256QAM	1	99	19.55	19.48	19.41		
20	256QAM	50	0	19.35	19.49	19.40	19.8	2.2
20	256QAM	50	24	19.47	19.44	19.42		
20	256QAM	50	50	19.48	19.47	19.38		
20	256QAM	100	0	19.45	19.48	19.39		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.08	21.25	21.09	22	0
15	QPSK	1	37	21.14	21.10	20.78		
15	QPSK	1	74	20.95	20.89	20.78		
15	QPSK	36	0	21.08	21.07	21.08	22	0
15	QPSK	36	20	20.90	21.10	20.98		
15	QPSK	36	39	21.02	21.04	20.95		
15	QPSK	75	0	20.94	21.16	21.10		
15	16QAM	1	0	21.06	21.00	20.87	22	0
15	16QAM	1	37	21.16	20.93	21.01		
15	16QAM	1	74	20.98	21.02	20.82		
15	16QAM	36	0	21.00	21.03	21.11	22	0
15	16QAM	36	20	20.94	21.11	20.86		
15	16QAM	36	39	20.97	21.01	21.00		
15	16QAM	75	0	21.09	20.99	20.98		
15	64QAM	1	0	21.01	21.07	20.96	22	0
15	64QAM	1	37	21.13	21.04	20.92		
15	64QAM	1	74	20.89	20.99	20.95		
15	64QAM	36	0	20.93	21.08	20.87	21.8	0.2
15	64QAM	36	20	21.04	20.99	20.83		
15	64QAM	36	39	21.03	20.95	20.92		
15	64QAM	75	0	20.99	21.09	20.65		
15	256QAM	1	0	19.57	19.46	19.59	19.8	2.2
15	256QAM	1	37	19.55	19.53	19.51		
15	256QAM	1	74	19.56	19.59	19.48		
15	256QAM	36	0	19.46	19.50	19.47	19.8	2.2
15	256QAM	36	20	19.49	19.53	19.45		
15	256QAM	36	39	19.48	19.52	19.47		
15	256QAM	75	0	19.48	19.54	19.54		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.05	21.22	21.14	22	0
10	QPSK	1	25	21.09	21.17	20.91		
10	QPSK	1	49	20.90	20.91	20.82		
10	QPSK	25	0	21.02	20.97	21.07	22	0
10	QPSK	25	12	21.02	21.10	20.91		
10	QPSK	25	25	21.05	20.92	20.99		
10	QPSK	50	0	20.97	20.97	21.07		
10	16QAM	1	0	21.14	20.89	20.83	22	0
10	16QAM	1	25	20.97	21.00	20.98		
10	16QAM	1	49	21.04	20.95	21.02		
10	16QAM	25	0	20.97	21.12	21.04	22	0
10	16QAM	25	12	21.00	21.08	20.97		
10	16QAM	25	25	20.99	21.09	20.90		
10	16QAM	50	0	21.00	20.97	20.96		
10	64QAM	1	0	21.01	21.14	20.95	22	0
10	64QAM	1	25	20.98	21.14	21.04		
10	64QAM	1	49	20.92	21.08	21.14		
10	64QAM	25	0	20.83	21.09	20.78	21.8	0.2
10	64QAM	25	12	20.96	20.94	20.74		
10	64QAM	25	25	21.09	20.96	20.84		
10	64QAM	50	0	21.07	21.13	20.67		
10	256QAM	1	0	19.54	19.54	19.52	19.8	2.2
10	256QAM	1	25	19.50	19.52	19.48		
10	256QAM	1	49	19.58	19.52	19.47		
10	256QAM	25	0	19.54	19.51	19.50	19.8	2.2
10	256QAM	25	12	19.54	19.53	19.47		
10	256QAM	25	25	19.59	19.52	19.45		
10	256QAM	50	0	19.51	19.53	19.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.10	21.23	21.12	22	0
5	QPSK	1	12	21.16	21.25	20.88		
5	QPSK	1	24	21.06	21.08	20.88		
5	QPSK	12	0	21.09	21.15	21.12	22	0
5	QPSK	12	7	20.96	21.16	21.07		
5	QPSK	12	13	21.03	21.09	20.93		
5	QPSK	25	0	21.09	21.14	21.06		
5	16QAM	1	0	21.04	20.97	20.95	22	0
5	16QAM	1	12	21.06	21.11	21.04		
5	16QAM	1	24	21.08	20.96	20.82		
5	16QAM	12	0	21.08	20.98	21.12	22	0
5	16QAM	12	7	20.92	21.02	20.90		
5	16QAM	12	13	20.91	20.92	20.93		
5	16QAM	25	0	21.09	20.99	21.03		
5	64QAM	1	0	20.95	21.15	21.03	22	0
5	64QAM	1	12	20.98	21.08	21.01		
5	64QAM	1	24	20.96	21.04	21.06		
5	64QAM	12	0	20.98	20.96	20.73	21.8	0.2
5	64QAM	12	7	21.03	20.91	20.57		
5	64QAM	12	13	21.05	21.07	20.78		
5	64QAM	25	0	21.02	21.14	20.62		
5	256QAM	1	0	19.56	19.59	19.48	19.8	2.2
5	256QAM	1	12	19.56	19.51	19.56		
5	256QAM	1	24	19.49	19.56	19.53		
5	256QAM	12	0	19.46	19.56	19.49	19.8	2.2
5	256QAM	12	7	19.57	19.53	19.46		
5	256QAM	12	13	19.59	19.51	19.59		
5	256QAM	25	0	19.52	19.58	19.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.16	21.19	21.08	22	0
3	QPSK	1	8	21.05	21.28	20.83		
3	QPSK	1	14	20.95	21.04	20.94		
3	QPSK	8	0	21.13	21.01	21.00	22	0
3	QPSK	8	4	20.95	21.07	20.94		
3	QPSK	8	7	21.06	20.97	20.96		
3	QPSK	15	0	20.93	21.04	20.95		
3	16QAM	1	0	21.09	20.93	20.88	22	0
3	16QAM	1	8	21.11	21.08	21.00		
3	16QAM	1	14	21.05	21.13	20.84		
3	16QAM	8	0	21.03	20.94	21.05	22	0
3	16QAM	8	4	20.99	21.01	20.91		
3	16QAM	8	7	21.05	21.11	20.88		
3	16QAM	15	0	20.94	21.12	21.08		
3	64QAM	1	0	21.06	21.02	21.12	22	0
3	64QAM	1	8	20.98	21.15	20.84		
3	64QAM	1	14	21.05	21.01	20.94		
3	64QAM	8	0	20.84	20.95	20.75	21.8	0.2
3	64QAM	8	4	21.04	20.97	20.72		
3	64QAM	8	7	20.98	21.10	20.87		
3	64QAM	15	0	21.05	21.08	20.63		
3	256QAM	1	0	19.58	19.57	19.55	19.8	2.2
3	256QAM	1	8	19.56	19.54	19.55		
3	256QAM	1	14	19.55	19.58	19.55		
3	256QAM	8	0	19.52	19.54	19.47	19.8	2.2
3	256QAM	8	4	19.48	19.59	19.53		
3	256QAM	8	7	19.45	19.55	19.55		
3	256QAM	15	0	19.58	19.52	19.59		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.18	21.15	21.06	22	0
1.4	QPSK	1	3	21.03	21.10	20.85		
1.4	QPSK	1	5	20.84	20.95	20.83		
1.4	QPSK	3	0	21.05	21.05	20.96		
1.4	QPSK	3	1	20.99	21.11	20.93		
1.4	QPSK	3	3	20.99	21.12	20.91		
1.4	QPSK	6	0	21.03	21.17	20.93	22	0
1.4	16QAM	1	0	21.14	21.05	20.84	22	0
1.4	16QAM	1	3	21.10	21.03	21.05		
1.4	16QAM	1	5	21.16	21.14	20.84		
1.4	16QAM	3	0	21.05	21.09	21.07		
1.4	16QAM	3	1	21.02	21.02	20.94		
1.4	16QAM	3	3	21.05	21.04	20.94		
1.4	16QAM	6	0	20.96	21.13	21.07	22	0
1.4	64QAM	1	0	20.88	21.07	20.97	22	0
1.4	64QAM	1	3	21.13	21.14	20.91		
1.4	64QAM	1	5	20.99	21.08	21.05		
1.4	64QAM	3	0	20.92	20.93	20.61		
1.4	64QAM	3	1	20.97	21.06	20.66		
1.4	64QAM	3	3	21.08	20.96	20.77		
1.4	64QAM	6	0	20.99	21.15	20.57	21.8	0.2
1.4	256QAM	1	0	19.45	19.52	19.54	19.8	2.2
1.4	256QAM	1	3	19.53	19.56	19.49		
1.4	256QAM	1	5	19.52	19.55	19.46		
1.4	256QAM	3	0	19.47	19.56	19.51		
1.4	256QAM	3	1	19.48	19.56	19.52		
1.4	256QAM	3	3	19.56	19.59	19.51		
1.4	256QAM	6	0	19.56	19.59	19.45	19.8	2.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.18	21.21	21.15	21.8	0
20	QPSK	1	49	21.16	21.18	21.14		
20	QPSK	1	99	21.12	21.13	21.10		
20	QPSK	50	0	21.14	21.16	21.15	21.8	0
20	QPSK	50	24	21.12	21.12	21.14		
20	QPSK	50	50	21.13	21.10	21.06		
20	QPSK	100	0	21.13	21.15	21.08		
20	16QAM	1	0	21.10	21.10	21.08	21.8	0
20	16QAM	1	49	21.07	21.08	21.12		
20	16QAM	1	99	21.08	21.17	21.19		
20	16QAM	50	0	21.11	21.06	21.11	21.8	0
20	16QAM	50	24	21.12	21.12	21.13		
20	16QAM	50	50	21.13	21.19	21.12		
20	16QAM	100	0	21.19	21.13	21.12		
20	64QAM	1	0	21.13	21.10	21.07	21.8	0
20	64QAM	1	49	21.06	21.08	21.19		
20	64QAM	1	99	21.14	21.06	21.11		
20	64QAM	50	0	20.82	20.79	20.78	21.3	0.5
20	64QAM	50	24	20.85	20.79	20.77		
20	64QAM	50	50	20.81	20.83	20.81		
20	64QAM	100	0	20.85	20.75	20.83		
20	256QAM	1	0	19.00	19.03	18.98	20.3	1.5
20	256QAM	1	49	19.07	19.02	19.08		
20	256QAM	1	99	19.01	18.99	19.07		
20	256QAM	50	0	18.80	18.81	18.78	20.3	1.5
20	256QAM	50	24	18.83	18.82	18.79		
20	256QAM	50	50	18.84	18.86	18.83		
20	256QAM	100	0	18.82	18.79	18.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.12	21.19	21.02	21.8	0
15	QPSK	1	37	21.11	21.08	21.02		
15	QPSK	1	74	20.99	21.09	21.07		
15	QPSK	36	0	21.11	21.05	21.04	21.8	0
15	QPSK	36	20	21.04	20.99	21.11		
15	QPSK	36	39	21.02	21.04	20.97		
15	QPSK	75	0	21.02	21.09	20.98		
15	16QAM	1	0	21.04	20.98	21.01	21.8	0
15	16QAM	1	37	20.95	20.99	21.06		
15	16QAM	1	74	21.01	21.11	21.15		
15	16QAM	36	0	21.00	21.00	20.98	21.8	0
15	16QAM	36	20	21.00	21.02	21.07		
15	16QAM	36	39	21.09	21.10	21.08		
15	16QAM	75	0	21.10	21.08	21.07		
15	64QAM	1	0	21.01	21.05	21.02	21.8	0
15	64QAM	1	37	21.03	20.95	21.16		
15	64QAM	1	74	21.05	20.95	21.03		
15	64QAM	36	0	20.76	20.70	20.67	21.3	0.5
15	64QAM	36	20	20.75	20.76	20.71		
15	64QAM	36	39	20.69	20.71	20.76		
15	64QAM	75	0	20.79	20.70	20.74		
15	256QAM	1	0	18.95	18.95	18.92	20.3	1.5
15	256QAM	1	37	18.99	18.97	18.95		
15	256QAM	1	74	18.93	18.94	19.04		
15	256QAM	36	0	18.75	18.72	18.69	20.3	1.5
15	256QAM	36	20	18.74	18.74	18.70		
15	256QAM	36	39	18.74	18.83	18.80		
15	256QAM	75	0	18.73	18.68	18.82		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.12	21.15	21.07	21.8	0
10	QPSK	1	25	21.13	21.08	21.04		
10	QPSK	1	49	21.07	21.00	20.97		
10	QPSK	25	0	21.03	21.04	21.05	21.8	0
10	QPSK	25	12	21.03	21.03	21.01		
10	QPSK	25	25	21.06	21.04	21.03		
10	QPSK	50	0	21.10	21.09	20.99		
10	16QAM	1	0	21.05	21.01	21.00	21.8	0
10	16QAM	1	25	21.02	20.96	21.06		
10	16QAM	1	49	20.95	21.05	21.06		
10	16QAM	25	0	21.07	20.97	21.01	21.8	0
10	16QAM	25	12	21.02	21.01	21.05		
10	16QAM	25	25	21.08	21.14	21.01		
10	16QAM	50	0	21.08	21.07	21.04		
10	64QAM	1	0	21.08	20.97	21.01	21.8	0
10	64QAM	1	25	20.95	21.03	21.06		
10	64QAM	1	49	21.11	20.97	21.04		
10	64QAM	25	0	20.74	20.68	20.67	21.3	0.5
10	64QAM	25	12	20.73	20.73	20.71		
10	64QAM	25	25	20.78	20.70	20.77		
10	64QAM	50	0	20.82	20.65	20.73		
10	256QAM	1	0	18.95	18.96	18.91	20.3	1.5
10	256QAM	1	25	19.04	18.97	18.95		
10	256QAM	1	49	18.96	18.96	18.99		
10	256QAM	25	0	18.75	18.74	18.71	20.3	1.5
10	256QAM	25	12	18.71	18.75	18.70		
10	256QAM	25	25	18.73	18.83	18.70		
10	256QAM	50	0	18.69	18.74	18.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.09	21.17	21.07	21.8	0
5	QPSK	1	12	21.09	21.11	21.01		
5	QPSK	1	24	21.03	21.07	21.03		
5	QPSK	12	0	21.10	21.13	21.04	21.8	0
5	QPSK	12	7	21.09	21.06	21.08		
5	QPSK	12	13	21.09	20.98	21.03		
5	QPSK	25	0	21.10	21.06	20.98		
5	16QAM	1	0	21.07	21.04	20.95	21.8	0
5	16QAM	1	12	20.99	21.02	21.03		
5	16QAM	1	24	20.98	21.07	21.11		
5	16QAM	12	0	20.99	20.96	21.02	21.8	0
5	16QAM	12	7	21.06	21.02	21.07		
5	16QAM	12	13	21.04	21.11	21.03		
5	16QAM	25	0	21.16	21.02	21.08		
5	64QAM	1	0	21.00	21.07	21.00	21.8	0
5	64QAM	1	12	21.00	20.99	21.13		
5	64QAM	1	24	21.03	21.03	21.05		
5	64QAM	12	0	20.71	20.73	20.72	21.3	0.5
5	64QAM	12	7	20.81	20.70	20.68		
5	64QAM	12	13	20.68	20.78	20.68		
5	64QAM	25	0	20.80	20.72	20.70		
5	256QAM	1	0	18.94	19.00	18.93	20.3	1.5
5	256QAM	1	12	18.99	18.94	19.02		
5	256QAM	1	24	18.92	18.91	18.96		
5	256QAM	12	0	18.77	18.69	18.74	20.3	1.5
5	256QAM	12	7	18.76	18.69	18.71		
5	256QAM	12	13	18.72	18.75	18.73		
5	256QAM	25	0	18.79	18.70	18.77		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.08	21.18	21.08	21.8	0
3	QPSK	1	8	21.13	21.14	21.04		
3	QPSK	1	14	21.05	21.03	20.98		
3	QPSK	8	0	21.02	21.04	21.05	21.8	0
3	QPSK	8	4	21.00	21.07	21.09		
3	QPSK	8	7	21.00	21.05	20.93		
3	QPSK	15	0	21.02	21.05	21.01		
3	16QAM	1	0	21.06	21.07	20.95	21.8	0
3	16QAM	1	8	21.03	20.97	21.04		
3	16QAM	1	14	21.04	21.12	21.11		
3	16QAM	8	0	21.01	21.02	21.07	21.8	0
3	16QAM	8	4	21.09	21.02	21.07		
3	16QAM	8	7	21.07	21.11	21.09		
3	16QAM	15	0	21.11	21.00	21.04		
3	64QAM	1	0	21.05	21.02	21.00	21.8	0
3	64QAM	1	8	20.98	21.01	21.12		
3	64QAM	1	14	21.04	21.03	21.03		
3	64QAM	8	0	20.77	20.74	20.70	21.3	0.5
3	64QAM	8	4	20.80	20.69	20.70		
3	64QAM	8	7	20.68	20.78	20.76		
3	64QAM	15	0	20.82	20.67	20.75		
3	256QAM	1	0	18.93	18.90	18.95	20.3	1.5
3	256QAM	1	8	18.95	18.93	18.97		
3	256QAM	1	14	18.94	18.89	18.96		
3	256QAM	8	0	18.67	18.74	18.73	20.3	1.5
3	256QAM	8	4	18.80	18.78	18.73		
3	256QAM	8	7	18.75	18.80	18.70		
3	256QAM	15	0	18.76	18.67	18.81		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.06	21.19	21.03	21.8	0
1.4	QPSK	1	3	21.12	21.11	21.11		
1.4	QPSK	1	5	21.03	21.03	21.00		
1.4	QPSK	3	0	21.03	21.04	20.99		
1.4	QPSK	3	1	21.01	21.02	21.02		
1.4	QPSK	3	3	21.01	21.03	21.03		
1.4	QPSK	6	0	21.10	21.07	20.96	21.8	0
1.4	16QAM	1	0	21.07	21.05	21.03	21.8	0
1.4	16QAM	1	3	21.01	21.03	21.09		
1.4	16QAM	1	5	21.05	21.11	21.09		
1.4	16QAM	3	0	21.00	20.94	20.98		
1.4	16QAM	3	1	21.05	21.03	21.05		
1.4	16QAM	3	3	21.04	21.16	21.09		
1.4	16QAM	6	0	21.16	21.08	20.99	21.8	0
1.4	64QAM	1	0	21.02	21.04	21.04	21.8	0
1.4	64QAM	1	3	20.93	20.96	21.11		
1.4	64QAM	1	5	21.02	20.95	21.06		
1.4	64QAM	3	0	20.89	20.97	20.98		
1.4	64QAM	3	1	20.95	21.03	20.89		
1.4	64QAM	3	3	20.92	20.95	20.92		
1.4	64QAM	6	0	20.77	20.62	20.73	21.3	0.5
1.4	256QAM	1	0	18.88	18.92	18.91	20.3	1.5
1.4	256QAM	1	3	19.01	18.98	18.97		
1.4	256QAM	1	5	18.98	18.93	18.99		
1.4	256QAM	3	0	19.00	18.94	18.90		
1.4	256QAM	3	1	18.90	18.99	18.96		
1.4	256QAM	3	3	19.04	18.99	19.00		
1.4	256QAM	6	0	18.74	18.67	18.79	20.3	1.5

Band 71_ANT 0(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.87	22.95	22.82	24	0
20	QPSK	1	49	22.86	22.88	22.80		
20	QPSK	1	99	22.80	22.82	22.81		
20	QPSK	50	0	21.91	21.92	21.91	23	1
20	QPSK	50	24	21.89	21.89	21.89		
20	QPSK	50	50	21.80	21.81	21.80		
20	QPSK	100	0	21.86	21.90	21.88		
20	16QAM	1	0	22.04	22.06	22.10	23	1
20	16QAM	1	49	21.92	21.95	22.08		
20	16QAM	1	99	22.05	21.86	22.01		
20	16QAM	50	0	20.84	21.00	20.95	22	2
20	16QAM	50	24	20.98	20.87	20.87		
20	16QAM	50	50	20.94	20.86	20.83		
20	16QAM	100	0	20.95	20.93	20.87		
20	64QAM	1	0	20.95	21.06	21.00	22	2
20	64QAM	1	49	21.07	21.07	21.02		
20	64QAM	1	99	21.02	20.80	20.90		
20	64QAM	50	0	19.84	19.90	19.94	21	3
20	64QAM	50	24	19.93	19.91	19.77		
20	64QAM	50	50	19.89	19.89	19.88		
20	64QAM	100	0	19.94	19.97	19.89		
20	256QAM	1	0	18.05	18.00	18.07	19	5
20	256QAM	1	49	18.07	18.12	18.17		
20	256QAM	1	99	18.06	18.03	18.13		
20	256QAM	50	0	17.89	17.91	17.93	19	5
20	256QAM	50	24	17.91	17.92	17.90		
20	256QAM	50	50	18.00	17.90	17.98		
20	256QAM	100	0	17.97	17.99	17.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.81	22.85	22.86	24	0
15	QPSK	1	37	22.80	22.88	22.90		
15	QPSK	1	74	22.82	22.86	22.87		
15	QPSK	36	0	21.84	21.85	21.89	23	1
15	QPSK	36	20	21.89	21.87	21.85		
15	QPSK	36	39	21.86	21.90	21.88		
15	QPSK	75	0	21.90	21.86	21.90		
15	16QAM	1	0	21.91	22.01	21.91	23	1
15	16QAM	1	37	21.93	22.12	22.03		
15	16QAM	1	74	21.98	21.99	22.05		
15	16QAM	36	0	20.88	20.89	20.91	22	2
15	16QAM	36	20	20.89	20.88	20.88		
15	16QAM	36	39	20.92	20.93	20.92		
15	16QAM	75	0	20.87	20.92	20.91		
15	64QAM	1	0	20.88	21.06	20.94	22	2
15	64QAM	1	37	20.95	20.99	21.00		
15	64QAM	1	74	21.01	21.06	21.05		
15	64QAM	36	0	19.85	19.88	19.88	21	3
15	64QAM	36	20	19.88	19.89	19.91		
15	64QAM	36	39	19.86	19.85	19.92		
15	64QAM	75	0	19.93	19.91	19.86		
15	256QAM	1	0	18.02	18.11	18.02	19	5
15	256QAM	1	37	18.06	18.18	18.14		
15	256QAM	1	74	18.08	18.14	18.07		
15	256QAM	36	0	17.87	17.91	17.90	19	5
15	256QAM	36	20	17.90	17.88	17.96		
15	256QAM	36	39	17.99	18.02	17.88		
15	256QAM	75	0	17.99	17.94	18.03		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.94	22.91	22.93	24	0
10	QPSK	1	25	22.92	22.93	22.94		
10	QPSK	1	49	22.93	22.91	22.91		
10	QPSK	25	0	21.97	21.97	22.00	23	1
10	QPSK	25	12	22.06	22.05	21.98		
10	QPSK	25	25	22.02	22.02	22.01		
10	QPSK	50	0	21.98	21.99	21.96		
10	16QAM	1	0	22.14	22.11	22.09	23	1
10	16QAM	1	25	22.06	22.12	22.10		
10	16QAM	1	49	22.11	22.07	22.06		
10	16QAM	25	0	20.97	21.02	20.99	22	2
10	16QAM	25	12	21.04	21.06	21.00		
10	16QAM	25	25	21.01	21.08	21.05		
10	16QAM	50	0	21.00	21.04	21.01		
10	64QAM	1	0	21.03	21.09	21.08	22	2
10	64QAM	1	25	21.14	21.15	21.16		
10	64QAM	1	49	21.06	21.09	21.12		
10	64QAM	25	0	19.99	19.94	19.95	21	3
10	64QAM	25	12	20.03	20.00	19.98		
10	64QAM	25	25	19.95	19.98	20.00		
10	64QAM	50	0	19.98	20.01	19.97		
10	256QAM	1	0	18.02	18.03	17.96	19	5
10	256QAM	1	25	18.07	18.18	18.08		
10	256QAM	1	49	18.05	18.10	18.07		
10	256QAM	25	0	17.92	17.93	17.94	19	5
10	256QAM	25	12	17.92	17.87	17.90		
10	256QAM	25	25	17.96	17.98	17.93		
10	256QAM	50	0	17.95	17.86	18.01		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.89	22.87	22.90	24	0
5	QPSK	1	12	22.92	22.94	22.94		
5	QPSK	1	24	22.94	22.92	22.86		
5	QPSK	12	0	21.92	21.96	21.99	23	1
5	QPSK	12	7	22.03	22.08	22.04		
5	QPSK	12	13	22.01	21.99	22.03		
5	QPSK	25	0	21.96	22.00	21.98		
5	16QAM	1	0	22.12	22.10	22.14	23	1
5	16QAM	1	12	22.11	22.07	22.16		
5	16QAM	1	24	22.03	22.06	22.12		
5	16QAM	12	0	20.97	20.96	20.94	22	2
5	16QAM	12	7	21.04	21.08	21.09		
5	16QAM	12	13	21.00	21.01	21.04		
5	16QAM	25	0	20.98	21.02	21.04		
5	64QAM	1	0	21.11	21.09	21.06	22	2
5	64QAM	1	12	21.17	21.19	21.14		
5	64QAM	1	24	21.11	21.06	21.11		
5	64QAM	12	0	19.97	20.00	20.01	21	3
5	64QAM	12	7	20.01	20.03	20.04		
5	64QAM	12	13	19.99	20.02	20.03		
5	64QAM	25	0	20.01	19.98	20.02		
5	256QAM	1	0	18.06	18.11	18.03	19	5
5	256QAM	1	12	18.11	18.13	18.09		
5	256QAM	1	24	18.09	18.09	18.00		
5	256QAM	12	0	17.88	17.96	17.88	19	5
5	256QAM	12	7	17.94	17.87	17.93		
5	256QAM	12	13	17.99	18.02	17.89		
5	256QAM	25	0	17.98	17.87	17.96		

Band 2_ANT 2(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.29	20.40	20.28	21	0
20	QPSK	1	49	20.02	20.39	20.00		
20	QPSK	1	99	19.98	20.01	19.99		
20	QPSK	50	0	20.21	20.24	20.23	21	0
20	QPSK	50	24	20.10	20.19	20.16		
20	QPSK	50	50	20.10	20.22	20.14		
20	QPSK	100	0	20.08	20.15	20.20		
20	16QAM	1	0	20.14	20.31	20.36	21	0
20	16QAM	1	49	20.09	20.33	20.28		
20	16QAM	1	99	19.86	20.32	20.36		
20	16QAM	50	0	20.06	20.12	20.00	21	0
20	16QAM	50	24	20.05	20.08	20.13		
20	16QAM	50	50	20.09	19.99	20.10		
20	16QAM	100	0	20.10	20.07	20.07		
20	64QAM	1	0	19.96	20.23	20.16	21	0
20	64QAM	1	49	20.15	20.11	20.30		
20	64QAM	1	99	20.27	20.35	20.29		
20	64QAM	50	0	19.94	19.86	19.80	21	0
20	64QAM	50	24	20.06	19.80	19.81		
20	64QAM	50	50	19.91	19.63	19.86		
20	64QAM	100	0	19.96	19.86	19.97		
20	256QAM	1	0	19.29	19.45	19.47	19.8	1.2
20	256QAM	1	49	19.25	19.49	19.48		
20	256QAM	1	99	19.31	19.31	19.23		
20	256QAM	50	0	19.26	19.28	19.36	19.8	1.2
20	256QAM	50	24	19.36	19.33	19.44		
20	256QAM	50	50	19.35	19.40	19.43		
20	256QAM	100	0	19.23	19.34	19.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.26	20.29	20.23	21	0
15	QPSK	1	37	19.94	20.20	19.94		
15	QPSK	1	74	19.96	19.84	19.86		
15	QPSK	36	0	20.16	20.09	20.19	21	0
15	QPSK	36	20	20.08	20.10	20.10		
15	QPSK	36	39	20.01	20.04	20.12		
15	QPSK	75	0	19.91	20.06	20.05		
15	16QAM	1	0	19.97	20.09	20.27	21	0
15	16QAM	1	37	19.99	20.12	20.19		
15	16QAM	1	74	19.81	20.28	20.16		
15	16QAM	36	0	19.92	20.09	19.91	21	0
15	16QAM	36	20	19.92	19.93	19.94		
15	16QAM	36	39	19.96	19.94	20.06		
15	16QAM	75	0	19.93	19.93	20.00		
15	64QAM	1	0	19.90	20.17	19.98	21	0
15	64QAM	1	37	20.05	20.02	20.14		
15	64QAM	1	74	20.19	20.27	20.28		
15	64QAM	36	0	19.76	19.76	19.70	21	0
15	64QAM	36	20	19.91	19.59	19.61		
15	64QAM	36	39	19.88	19.55	19.83		
15	64QAM	75	0	19.74	19.65	19.93		
15	256QAM	1	0	19.15	19.40	19.34	19.8	1.2
15	256QAM	1	37	19.20	19.37	19.34		
15	256QAM	1	74	19.17	19.15	19.13		
15	256QAM	36	0	19.24	19.26	19.23	19.8	1.2
15	256QAM	36	20	19.33	19.29	19.27		
15	256QAM	36	39	19.32	19.26	19.24		
15	256QAM	75	0	19.13	19.26	19.27		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.11	20.36	20.06	21	0
10	QPSK	1	25	19.99	20.31	19.89		
10	QPSK	1	49	19.91	19.97	19.95		
10	QPSK	25	0	20.02	20.10	20.01	21	0
10	QPSK	25	12	19.97	20.10	19.99		
10	QPSK	25	25	20.05	20.08	19.98		
10	QPSK	50	0	20.00	20.09	20.12		
10	16QAM	1	0	20.05	20.24	20.17	21	0
10	16QAM	1	25	20.01	20.25	20.07		
10	16QAM	1	49	19.94	20.26	20.17		
10	16QAM	25	0	19.95	20.06	19.95	21	0
10	16QAM	25	12	19.92	19.94	20.11		
10	16QAM	25	25	20.04	19.93	19.93		
10	16QAM	50	0	19.99	19.90	19.89		
10	64QAM	1	0	19.91	20.18	20.01	21	0
10	64QAM	1	25	20.08	20.04	20.09		
10	64QAM	1	49	20.21	20.16	20.15		
10	64QAM	25	0	19.79	19.84	19.70	21	0
10	64QAM	25	12	19.98	19.58	19.65		
10	64QAM	25	25	19.73	19.65	19.76		
10	64QAM	50	0	19.74	19.80	19.84		
10	256QAM	1	0	19.12	19.34	19.30	19.8	1.2
10	256QAM	1	25	19.11	19.44	19.32		
10	256QAM	1	49	19.28	19.28	19.09		
10	256QAM	25	0	19.07	19.18	19.24	19.8	1.2
10	256QAM	25	12	19.17	19.24	19.28		
10	256QAM	25	25	19.14	19.37	19.31		
10	256QAM	50	0	19.21	19.23	19.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.15	20.33	20.13	21	0
5	QPSK	1	12	19.90	20.26	19.94		
5	QPSK	1	24	19.96	19.91	19.90		
5	QPSK	12	0	20.11	20.11	20.10	21	0
5	QPSK	12	7	20.08	20.02	20.01		
5	QPSK	12	13	20.02	20.04	20.03		
5	QPSK	25	0	19.91	19.97	20.03		
5	16QAM	1	0	20.10	20.10	20.26	21	0
5	16QAM	1	12	19.88	20.25	20.16		
5	16QAM	1	24	19.87	20.28	20.21		
5	16QAM	12	0	19.96	19.93	19.98	21	0
5	16QAM	12	7	19.91	19.98	19.93		
5	16QAM	12	13	19.91	19.88	20.07		
5	16QAM	25	0	20.08	19.97	19.87		
5	64QAM	1	0	19.81	20.19	20.12	21	0
5	64QAM	1	12	19.98	19.94	20.15		
5	64QAM	1	24	20.11	20.22	20.27		
5	64QAM	12	0	19.80	19.68	19.78	21	0
5	64QAM	12	7	19.85	19.73	19.71		
5	64QAM	12	13	19.77	19.41	19.73		
5	64QAM	25	0	19.75	19.80	19.84		
5	256QAM	1	0	19.20	19.34	19.27	19.8	1.2
5	256QAM	1	12	19.11	19.35	19.29		
5	256QAM	1	24	19.25	19.16	19.14		
5	256QAM	12	0	19.08	19.18	19.18	19.8	1.2
5	256QAM	12	7	19.23	19.14	19.40		
5	256QAM	12	13	19.30	19.18	19.21		
5	256QAM	25	0	19.18	19.18	19.34		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.15	20.20	20.11	21	0
3	QPSK	1	8	19.80	20.23	19.82		
3	QPSK	1	14	19.79	19.93	19.78		
3	QPSK	8	0	20.15	20.16	20.10	21	0
3	QPSK	8	4	19.95	20.13	20.05		
3	QPSK	8	7	19.98	20.15	19.96		
3	QPSK	15	0	19.86	19.94	20.05		
3	16QAM	1	0	20.06	20.27	20.21	21	0
3	16QAM	1	8	20.07	20.15	20.21		
3	16QAM	1	14	19.93	20.16	20.22		
3	16QAM	8	0	19.92	20.09	19.85	21	0
3	16QAM	8	4	19.95	20.04	20.06		
3	16QAM	8	7	19.93	19.88	19.92		
3	16QAM	15	0	19.91	20.04	19.95		
3	64QAM	1	0	19.74	20.04	19.95	21	0
3	64QAM	1	8	20.07	20.06	20.16		
3	64QAM	1	14	20.19	20.00	20.02		
3	64QAM	8	0	19.91	19.82	19.74	21	0
3	64QAM	8	4	19.88	19.69	19.79		
3	64QAM	8	7	19.89	19.44	19.70		
3	64QAM	15	0	19.88	19.78	19.80		
3	256QAM	1	0	19.16	19.39	19.44	19.8	1.2
3	256QAM	1	8	19.12	19.39	19.36		
3	256QAM	1	14	19.26	19.25	19.04		
3	256QAM	8	0	19.20	19.07	19.23	19.8	1.2
3	256QAM	8	4	19.17	19.20	19.23		
3	256QAM	8	7	19.33	19.33	19.25		
3	256QAM	15	0	19.21	19.19	19.31		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.17	20.28	20.25	21	0
1.4	QPSK	1	3	19.95	20.21	19.90		
1.4	QPSK	1	5	19.90	19.93	19.92		
1.4	QPSK	3	0	20.19	20.08	20.13		
1.4	QPSK	3	1	19.95	20.08	19.94		
1.4	QPSK	3	3	19.94	20.15	19.99		
1.4	QPSK	6	0	19.99	20.10	20.09	21	0
1.4	16QAM	1	0	20.11	20.12	20.24	21	0
1.4	16QAM	1	3	20.02	20.30	20.19		
1.4	16QAM	1	5	19.81	20.23	20.22		
1.4	16QAM	3	0	20.04	19.94	19.89		
1.4	16QAM	3	1	19.96	19.97	20.02		
1.4	16QAM	3	3	19.95	19.82	19.96		
1.4	16QAM	6	0	19.98	19.93	19.99	21	0
1.4	64QAM	1	0	19.81	20.20	19.98	21	0
1.4	64QAM	1	3	20.05	20.02	20.11		
1.4	64QAM	1	5	20.22	20.23	20.10		
1.4	64QAM	3	0	20.05	20.15	20.01		
1.4	64QAM	3	1	20.02	20.01	20.07		
1.4	64QAM	3	3	20.22	19.83	20.16		
1.4	64QAM	6	0	19.89	19.71	19.87	21	0
1.4	256QAM	1	0	19.08	19.42	19.45	19.8	1.2
1.4	256QAM	1	3	19.11	19.34	19.36		
1.4	256QAM	1	5	19.19	19.16	19.19		
1.4	256QAM	3	0	19.24	19.24	19.24		
1.4	256QAM	3	1	19.31	19.26	19.41		
1.4	256QAM	3	3	19.30	19.21	19.27		
1.4	256QAM	6	0	19.19	19.16	19.24	19.8	1.2

Band 4_ANT 2(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.18	20.35	20.34	21	0
20	QPSK	1	49	20.12	20.24	20.30		
20	QPSK	1	99	20.14	20.16	20.15		
20	QPSK	50	0	20.29	20.30	20.10	21	0
20	QPSK	50	24	20.28	20.03	20.09		
20	QPSK	50	50	20.24	20.27	20.03		
20	QPSK	100	0	20.26	20.04	20.01		
20	16QAM	1	0	20.03	20.09	20.04	21	0
20	16QAM	1	49	20.04	20.07	20.09		
20	16QAM	1	99	20.02	20.02	19.95		
20	16QAM	50	0	20.18	20.09	20.08	21	0
20	16QAM	50	24	20.05	20.00	20.04		
20	16QAM	50	50	20.05	20.04	20.04		
20	16QAM	100	0	20.09	20.02	20.04		
20	64QAM	1	0	20.05	20.02	20.06	21	0
20	64QAM	1	49	20.00	20.09	20.03		
20	64QAM	1	99	20.08	20.00	20.05		
20	64QAM	50	0	20.15	20.04	20.04	21	0
20	64QAM	50	24	20.02	20.09	20.04		
20	64QAM	50	50	20.01	20.02	20.07		
20	64QAM	100	0	20.09	20.02	20.09		
20	256QAM	1	0	19.34	19.39	19.43	19.8	1.2
20	256QAM	1	49	19.40	19.45	19.48		
20	256QAM	1	99	19.49	19.50	19.47		
20	256QAM	50	0	19.34	19.33	19.40	19.8	1.2
20	256QAM	50	24	19.38	19.37	19.35		
20	256QAM	50	50	19.40	19.44	19.43		
20	256QAM	100	0	19.37	19.35	19.33		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.10	20.23	20.23	21	0
15	QPSK	1	37	20.05	20.06	20.09		
15	QPSK	1	74	20.08	20.14	19.94		
15	QPSK	36	0	20.15	20.17	19.96	21	0
15	QPSK	36	20	20.22	20.01	20.00		
15	QPSK	36	39	20.21	20.16	19.96		
15	QPSK	75	0	20.10	19.94	19.96		
15	16QAM	1	0	19.92	19.93	19.84	21	0
15	16QAM	1	37	19.89	20.01	19.99		
15	16QAM	1	74	19.94	19.96	19.92		
15	16QAM	36	0	20.06	19.91	20.05	21	0
15	16QAM	36	20	20.01	19.80	19.96		
15	16QAM	36	39	20.01	19.91	19.85		
15	16QAM	75	0	20.04	19.85	19.98		
15	64QAM	1	0	19.92	19.90	19.87	21	0
15	64QAM	1	37	19.80	20.01	19.92		
15	64QAM	1	74	19.98	19.82	19.95		
15	64QAM	36	0	20.08	19.86	19.91	21	0
15	64QAM	36	20	19.98	20.02	19.99		
15	64QAM	36	39	19.87	19.91	19.91		
15	64QAM	75	0	19.91	19.89	20.07		
15	256QAM	1	0	19.43	19.43	19.44	19.8	1.2
15	256QAM	1	37	19.45	19.44	19.45		
15	256QAM	1	74	19.40	19.41	19.40		
15	256QAM	36	0	19.46	19.44	19.46	19.8	1.2
15	256QAM	36	20	19.43	19.41	19.48		
15	256QAM	36	39	19.46	19.40	19.47		
15	256QAM	75	0	19.49	19.48	19.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.06	20.25	20.20	21	0
10	QPSK	1	25	19.96	20.19	20.18		
10	QPSK	1	49	19.98	20.06	20.06		
10	QPSK	25	0	20.20	20.14	20.01	21	0
10	QPSK	25	12	20.14	19.98	19.90		
10	QPSK	25	25	20.11	20.05	19.89		
10	QPSK	50	0	20.22	19.83	19.93		
10	16QAM	1	0	19.96	20.04	19.90	21	0
10	16QAM	1	25	19.89	19.87	20.02		
10	16QAM	1	49	19.87	19.95	19.88		
10	16QAM	25	0	20.11	20.05	19.93	21	0
10	16QAM	25	12	19.89	19.96	20.02		
10	16QAM	25	25	19.87	19.91	19.94		
10	16QAM	50	0	19.98	19.80	20.02		
10	64QAM	1	0	19.83	19.95	19.92	21	0
10	64QAM	1	25	19.78	19.96	19.96		
10	64QAM	1	49	20.02	19.78	20.00		
10	64QAM	25	0	20.08	19.93	19.88	21	0
10	64QAM	25	12	19.91	19.87	20.01		
10	64QAM	25	25	19.79	20.00	20.04		
10	64QAM	50	0	19.92	19.94	19.90		
10	256QAM	1	0	19.48	19.46	19.47	19.8	1.2
10	256QAM	1	25	19.46	19.40	19.47		
10	256QAM	1	49	19.46	19.44	19.41		
10	256QAM	25	0	19.49	19.40	19.48	19.8	1.2
10	256QAM	25	12	19.44	19.47	19.43		
10	256QAM	25	25	19.46	19.46	19.44		
10	256QAM	50	0	19.43	19.47	19.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.16	20.26	20.20	21	0
5	QPSK	1	12	19.94	20.13	20.10		
5	QPSK	1	24	19.99	20.06	20.00		
5	QPSK	12	0	20.17	20.15	20.08	21	0
5	QPSK	12	7	20.15	20.00	19.96		
5	QPSK	12	13	20.07	20.25	19.82		
5	QPSK	25	0	20.11	19.88	19.82		
5	16QAM	1	0	19.99	19.91	19.89	21	0
5	16QAM	1	12	19.91	20.01	19.90		
5	16QAM	1	24	19.85	19.87	19.89		
5	16QAM	12	0	20.08	20.02	19.92	21	0
5	16QAM	12	7	19.85	19.80	19.87		
5	16QAM	12	13	19.86	19.82	19.96		
5	16QAM	25	0	19.89	19.88	20.01		
5	64QAM	1	0	19.84	19.96	19.88	21	0
5	64QAM	1	12	19.90	19.97	19.89		
5	64QAM	1	24	19.96	19.86	20.00		
5	64QAM	12	0	20.07	19.94	19.84	21	0
5	64QAM	12	7	20.00	19.97	19.87		
5	64QAM	12	13	19.88	19.90	19.91		
5	64QAM	25	0	20.01	19.90	19.98		
5	256QAM	1	0	19.46	19.47	19.40	19.8	1.2
5	256QAM	1	12	19.43	19.47	19.46		
5	256QAM	1	24	19.47	19.46	19.44		
5	256QAM	12	0	19.42	19.44	19.41	19.8	1.2
5	256QAM	12	7	19.48	19.49	19.45		
5	256QAM	12	13	19.46	19.48	19.48		
5	256QAM	25	0	19.45	19.46	19.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.96	20.20	20.19	21	0
3	QPSK	1	8	19.99	20.12	20.10		
3	QPSK	1	14	20.02	19.98	19.96		
3	QPSK	8	0	20.23	20.14	19.98	21	0
3	QPSK	8	4	20.18	19.93	20.07		
3	QPSK	8	7	20.07	20.13	19.82		
3	QPSK	15	0	20.14	19.90	19.91		
3	16QAM	1	0	19.87	20.06	19.85	21	0
3	16QAM	1	8	19.93	19.94	19.99		
3	16QAM	1	14	19.95	19.99	19.77		
3	16QAM	8	0	20.07	20.04	19.95	21	0
3	16QAM	8	4	19.97	19.83	19.90		
3	16QAM	8	7	19.85	19.97	19.90		
3	16QAM	15	0	19.98	19.97	20.00		
3	64QAM	1	0	19.86	19.91	20.00	21	0
3	64QAM	1	8	19.92	19.87	19.88		
3	64QAM	1	14	19.88	19.91	19.85		
3	64QAM	8	0	19.97	19.89	19.87	21	0
3	64QAM	8	4	19.95	20.04	19.82		
3	64QAM	8	7	19.92	19.94	19.94		
3	64QAM	15	0	19.87	19.96	19.89		
3	256QAM	1	0	19.40	19.47	19.46	19.8	1.2
3	256QAM	1	8	19.43	19.40	19.47		
3	256QAM	1	14	19.45	19.45	19.45		
3	256QAM	8	0	19.48	19.49	19.42	19.8	1.2
3	256QAM	8	4	19.44	19.41	19.48		
3	256QAM	8	7	19.46	19.46	19.47		
3	256QAM	15	0	19.46	19.40	19.48		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.00	20.29	20.18	21	0
1.4	QPSK	1	3	20.03	20.18	20.11		
1.4	QPSK	1	5	19.96	20.12	20.01		
1.4	QPSK	3	0	20.27	20.12	20.06		
1.4	QPSK	3	1	20.23	19.91	19.98		
1.4	QPSK	3	3	20.02	20.21	19.81		
1.4	QPSK	6	0	20.13	19.82	19.94	21	0
1.4	16QAM	1	0	19.97	20.03	19.96	21	0
1.4	16QAM	1	3	19.91	19.99	20.06		
1.4	16QAM	1	5	19.97	19.86	19.93		
1.4	16QAM	3	0	20.02	19.90	20.04		
1.4	16QAM	3	1	19.86	19.89	19.83		
1.4	16QAM	3	3	19.98	19.93	19.91		
1.4	16QAM	6	0	20.01	19.91	19.91	21	0
1.4	64QAM	1	0	19.86	19.89	19.98	21	0
1.4	64QAM	1	3	19.90	19.99	19.99		
1.4	64QAM	1	5	19.98	19.88	20.03		
1.4	64QAM	3	0	20.11	19.84	19.84		
1.4	64QAM	3	1	19.81	19.95	19.98		
1.4	64QAM	3	3	19.89	19.96	19.94		
1.4	64QAM	6	0	20.06	19.81	19.92	21	0
1.4	256QAM	1	0	19.45	19.42	19.42	19.8	1.2
1.4	256QAM	1	3	19.44	19.40	19.49		
1.4	256QAM	1	5	19.46	19.45	19.48		
1.4	256QAM	3	0	19.42	19.48	19.44		
1.4	256QAM	3	1	19.48	19.42	19.46		
1.4	256QAM	3	3	19.43	19.46	19.42		
1.4	256QAM	6	0	19.40	19.45	19.45	19.8	1.2

Band 4_ANT 5(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.55	19.61	19.53	20.3	0
20	QPSK	1	49	19.53	19.58	19.52		
20	QPSK	1	99	19.49	19.51	19.51		
20	QPSK	50	0	19.53	19.58	19.55	20.3	0
20	QPSK	50	24	19.51	19.48	19.52		
20	QPSK	50	50	19.42	19.46	19.41		
20	QPSK	100	0	19.41	19.44	19.38		
20	16QAM	1	0	19.46	19.50	19.43	20.3	0
20	16QAM	1	49	19.44	19.49	19.45		
20	16QAM	1	99	19.51	19.57	19.54		
20	16QAM	50	0	19.49	19.42	19.49	20.3	0
20	16QAM	50	24	19.54	19.52	19.41		
20	16QAM	50	50	19.52	19.45	19.51		
20	16QAM	100	0	19.49	19.44	19.54		
20	64QAM	1	0	19.41	19.49	19.47	20.3	0
20	64QAM	1	49	19.49	19.40	19.53		
20	64QAM	1	99	19.42	19.45	19.58		
20	64QAM	50	0	19.47	19.53	19.55	20.3	0
20	64QAM	50	24	19.51	19.50	19.52		
20	64QAM	50	50	19.45	19.54	19.41		
20	64QAM	100	0	19.45	19.50	19.44		
20	256QAM	1	0	19.09	18.98	19.13	19.8	0.5
20	256QAM	1	49	19.13	18.97	18.92		
20	256QAM	1	99	18.75	18.78	18.88		
20	256QAM	50	0	18.81	18.80	18.91	19.8	0.5
20	256QAM	50	24	18.76	18.70	18.62		
20	256QAM	50	50	18.71	18.68	18.70		
20	256QAM	100	0	18.83	18.78	18.76		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.44	19.52	19.48	20.3	0
15	QPSK	1	37	19.46	19.45	19.46		
15	QPSK	1	74	19.37	19.46	19.38		
15	QPSK	36	0	19.47	19.53	19.45	20.3	0
15	QPSK	36	20	19.47	19.36	19.42		
15	QPSK	36	39	19.36	19.34	19.28		
15	QPSK	75	0	19.30	19.33	19.27		
15	16QAM	1	0	19.44	19.43	19.34	20.3	0
15	16QAM	1	37	19.39	19.46	19.33		
15	16QAM	1	74	19.38	19.51	19.49		
15	16QAM	36	0	19.45	19.29	19.38	20.3	0
15	16QAM	36	20	19.45	19.49	19.30		
15	16QAM	36	39	19.46	19.35	19.48		
15	16QAM	75	0	19.45	19.31	19.41		
15	64QAM	1	0	19.28	19.47	19.42	20.3	0
15	64QAM	1	37	19.40	19.37	19.46		
15	64QAM	1	74	19.34	19.40	19.45		
15	64QAM	36	0	19.40	19.51	19.50	20.3	0
15	64QAM	36	20	19.46	19.43	19.46		
15	64QAM	36	39	19.40	19.47	19.35		
15	64QAM	75	0	19.40	19.39	19.42		
15	256QAM	1	0	19.06	18.95	19.04	19.8	0.5
15	256QAM	1	37	19.01	18.92	18.86		
15	256QAM	1	74	18.69	18.70	18.83		
15	256QAM	36	0	18.68	18.77	18.87	19.8	0.5
15	256QAM	36	20	18.71	18.62	18.57		
15	256QAM	36	39	18.69	18.58	18.65		
15	256QAM	75	0	18.78	18.72	18.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.51	19.49	19.44	20.3	0
10	QPSK	1	25	19.48	19.45	19.50		
10	QPSK	1	49	19.38	19.39	19.38		
10	QPSK	25	0	19.43	19.45	19.43	20.3	0
10	QPSK	25	12	19.42	19.46	19.40		
10	QPSK	25	25	19.38	19.36	19.39		
10	QPSK	50	0	19.33	19.32	19.32		
10	16QAM	1	0	19.34	19.39	19.33	20.3	0
10	16QAM	1	25	19.40	19.46	19.37		
10	16QAM	1	49	19.47	19.50	19.41		
10	16QAM	25	0	19.44	19.34	19.39	20.3	0
10	16QAM	25	12	19.49	19.49	19.39		
10	16QAM	25	25	19.49	19.36	19.42		
10	16QAM	50	0	19.38	19.42	19.43		
10	64QAM	1	0	19.38	19.43	19.37	20.3	0
10	64QAM	1	25	19.41	19.33	19.42		
10	64QAM	1	49	19.29	19.35	19.56		
10	64QAM	25	0	19.45	19.49	19.45	20.3	0
10	64QAM	25	12	19.46	19.48	19.48		
10	64QAM	25	25	19.33	19.43	19.30		
10	64QAM	50	0	19.32	19.41	19.38		
10	256QAM	1	0	19.05	18.87	19.06	19.8	0.5
10	256QAM	1	25	19.03	18.88	18.81		
10	256QAM	1	49	18.64	18.69	18.84		
10	256QAM	25	0	18.73	18.70	18.78	19.8	0.5
10	256QAM	25	12	18.67	18.57	18.54		
10	256QAM	25	25	18.65	18.63	18.58		
10	256QAM	50	0	18.70	18.74	18.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.50	19.53	19.42	20.3	0
5	QPSK	1	12	19.48	19.49	19.43		
5	QPSK	1	24	19.44	19.41	19.42		
5	QPSK	12	0	19.48	19.52	19.48	20.3	0
5	QPSK	12	7	19.48	19.36	19.43		
5	QPSK	12	13	19.35	19.43	19.34		
5	QPSK	25	0	19.31	19.36	19.34		
5	16QAM	1	0	19.37	19.41	19.41	20.3	0
5	16QAM	1	12	19.37	19.39	19.35		
5	16QAM	1	24	19.39	19.46	19.46		
5	16QAM	12	0	19.37	19.36	19.41	20.3	0
5	16QAM	12	7	19.50	19.46	19.37		
5	16QAM	12	13	19.50	19.38	19.47		
5	16QAM	25	0	19.37	19.37	19.41		
5	64QAM	1	0	19.30	19.39	19.35	20.3	0
5	64QAM	1	12	19.44	19.27	19.40		
5	64QAM	1	24	19.33	19.35	19.49		
5	64QAM	12	0	19.39	19.47	19.45	20.3	0
5	64QAM	12	7	19.45	19.38	19.45		
5	64QAM	12	13	19.34	19.41	19.32		
5	64QAM	25	0	19.38	19.44	19.32		
5	256QAM	1	0	19.04	18.93	19.03	19.8	0.5
5	256QAM	1	12	19.09	18.92	18.90		
5	256QAM	1	24	18.64	18.76	18.83		
5	256QAM	12	0	18.75	18.75	18.81	19.8	0.5
5	256QAM	12	7	18.71	18.58	18.54		
5	256QAM	12	13	18.63	18.60	18.65		
5	256QAM	25	0	18.74	18.76	18.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.52	19.49	19.44	20.3	0
3	QPSK	1	8	19.41	19.51	19.43		
3	QPSK	1	14	19.43	19.44	19.44		
3	QPSK	8	0	19.49	19.45	19.45	20.3	0
3	QPSK	8	4	19.41	19.46	19.46		
3	QPSK	8	7	19.33	19.34	19.32		
3	QPSK	15	0	19.31	19.41	19.28		
3	16QAM	1	0	19.35	19.42	19.35	20.3	0
3	16QAM	1	8	19.32	19.41	19.34		
3	16QAM	1	14	19.43	19.47	19.41		
3	16QAM	8	0	19.42	19.33	19.42	20.3	0
3	16QAM	8	4	19.47	19.39	19.31		
3	16QAM	8	7	19.41	19.36	19.48		
3	16QAM	15	0	19.40	19.33	19.47		
3	64QAM	1	0	19.28	19.43	19.41	20.3	0
3	64QAM	1	8	19.43	19.35	19.49		
3	64QAM	1	14	19.35	19.37	19.51		
3	64QAM	8	0	19.37	19.45	19.42	20.3	0
3	64QAM	8	4	19.45	19.43	19.48		
3	64QAM	8	7	19.38	19.42	19.36		
3	64QAM	15	0	19.41	19.48	19.40		
3	256QAM	1	0	19.01	18.86	19.04	19.8	0.5
3	256QAM	1	8	19.01	18.94	18.89		
3	256QAM	1	14	18.73	18.76	18.77		
3	256QAM	8	0	18.79	18.71	18.80	19.8	0.5
3	256QAM	8	4	18.64	18.66	18.52		
3	256QAM	8	7	18.63	18.55	18.59		
3	256QAM	15	0	18.74	18.74	18.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.47	19.57	19.50	20.3	0
1.4	QPSK	1	3	19.45	19.54	19.44		
1.4	QPSK	1	5	19.46	19.46	19.48		
1.4	QPSK	3	0	19.40	19.52	19.52		
1.4	QPSK	3	1	19.42	19.44	19.44		
1.4	QPSK	3	3	19.30	19.41	19.29		
1.4	QPSK	6	0	19.28	19.38	19.34	20.3	0
1.4	16QAM	1	0	19.39	19.48	19.37	20.3	0
1.4	16QAM	1	3	19.39	19.45	19.40		
1.4	16QAM	1	5	19.46	19.52	19.41		
1.4	16QAM	3	0	19.40	19.36	19.37		
1.4	16QAM	3	1	19.41	19.41	19.35		
1.4	16QAM	3	3	19.42	19.41	19.49		
1.4	16QAM	6	0	19.37	19.34	19.45	20.3	0
1.4	64QAM	1	0	19.37	19.37	19.36	20.3	0
1.4	64QAM	1	3	19.41	19.32	19.43		
1.4	64QAM	1	5	19.36	19.43	19.49		
1.4	64QAM	3	0	19.38	19.41	19.46		
1.4	64QAM	3	1	19.44	19.39	19.46		
1.4	64QAM	3	3	19.32	19.43	19.33		
1.4	64QAM	6	0	19.43	19.47	19.33	20.3	0
1.4	256QAM	1	0	19.07	18.87	19.08	19.8	0.5
1.4	256QAM	1	3	19.10	18.90	18.82		
1.4	256QAM	1	5	18.62	18.65	18.77		
1.4	256QAM	3	0	18.73	18.76	18.79		
1.4	256QAM	3	1	18.71	18.61	18.52		
1.4	256QAM	3	3	18.65	18.55	18.63		
1.4	256QAM	6	0	18.79	18.70	18.69	19.8	0.5

Band 5_ANT 0(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.95	22.94	22.93	24	0
10	QPSK	1	25	22.90	22.90	22.87		
10	QPSK	1	49	22.78	22.90	22.75		
10	QPSK	25	0	21.98	21.96	21.95	23	1
10	QPSK	25	12	21.96	21.93	21.92		
10	QPSK	25	25	21.85	21.90	21.90		
10	QPSK	50	0	21.97	21.96	21.95		
10	16QAM	1	0	22.32	22.30	22.38	23	1
10	16QAM	1	25	21.97	21.90	22.07		
10	16QAM	1	49	22.31	22.14	22.08		
10	16QAM	25	0	20.81	20.91	20.94	22	2
10	16QAM	25	12	20.88	20.91	20.98		
10	16QAM	25	25	20.87	20.91	20.96		
10	16QAM	50	0	20.94	20.86	20.98		
10	64QAM	1	0	21.09	20.84	21.13	22	2
10	64QAM	1	25	20.92	20.80	21.25		
10	64QAM	1	49	20.83	20.79	21.29		
10	64QAM	25	0	19.86	19.83	19.93	21	3
10	64QAM	25	12	19.96	19.88	19.87		
10	64QAM	25	25	19.82	19.92	19.94		
10	64QAM	50	0	19.93	19.90	19.98		
10	256QAM	1	0	17.99	17.94	17.92	19	5
10	256QAM	1	25	17.95	18.07	17.98		
10	256QAM	1	49	17.98	17.99	17.91		
10	256QAM	25	0	17.90	17.89	17.86	19	5
10	256QAM	25	12	17.91	17.97	17.94		
10	256QAM	25	25	17.94	17.94	17.93		
10	256QAM	50	0	17.95	17.91	17.92		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.65	22.82	22.70	24	0
5	QPSK	1	12	22.60	22.77	22.77		
5	QPSK	1	24	22.50	22.63	22.71		
5	QPSK	12	0	21.54	21.58	21.73	23	1
5	QPSK	12	7	21.71	21.53	21.88		
5	QPSK	12	13	21.57	21.66	21.68		
5	QPSK	25	0	21.62	21.62	21.69		
5	16QAM	1	0	21.99	21.88	21.79	23	1
5	16QAM	1	12	21.89	22.43	22.20		
5	16QAM	1	24	21.97	22.04	22.06		
5	16QAM	12	0	20.61	20.62	20.70	22	2
5	16QAM	12	7	20.68	20.76	20.72		
5	16QAM	12	13	20.68	20.74	20.85		
5	16QAM	25	0	20.71	20.66	20.73		
5	64QAM	1	0	21.82	21.68	21.74	22	2
5	64QAM	1	12	21.79	21.68	21.83		
5	64QAM	1	24	21.88	21.84	21.74		
5	64QAM	12	0	20.62	20.58	20.69	21	3
5	64QAM	12	7	20.72	20.65	20.75		
5	64QAM	12	13	20.79	20.67	20.65		
5	64QAM	25	0	20.68	20.75	20.70		
5	256QAM	1	0	18.03	17.97	17.91	19	5
5	256QAM	1	12	17.96	18.11	18.00		
5	256QAM	1	24	17.98	18.01	17.95		
5	256QAM	12	0	17.91	17.90	17.83	19	5
5	256QAM	12	7	17.87	17.95	17.92		
5	256QAM	12	13	17.93	17.95	17.92		
5	256QAM	25	0	17.91	17.90	17.90		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.62	22.67	22.53	24	0
3	QPSK	1	8	22.65	22.59	22.62		
3	QPSK	1	14	22.54	22.65	22.59		
3	QPSK	8	0	21.68	21.62	21.68	23	1
3	QPSK	8	4	21.67	21.63	21.71		
3	QPSK	8	7	21.62	21.62	21.65		
3	QPSK	15	0	21.56	21.57	21.55		
3	16QAM	1	0	21.50	21.98	22.26	23	1
3	16QAM	1	8	22.19	22.10	22.01		
3	16QAM	1	14	22.02	21.83	22.15		
3	16QAM	8	0	20.61	20.60	20.80	22	2
3	16QAM	8	4	20.71	20.79	20.84		
3	16QAM	8	7	20.72	20.72	20.92		
3	16QAM	15	0	20.76	20.69	20.67		
3	64QAM	1	0	21.67	21.78	21.53	22	2
3	64QAM	1	8	21.90	21.78	21.70		
3	64QAM	1	14	21.77	21.78	21.81		
3	64QAM	8	0	20.54	20.65	20.70	21	3
3	64QAM	8	4	20.62	20.69	20.73		
3	64QAM	8	7	20.63	20.66	20.78		
3	64QAM	15	0	20.63	20.79	20.64		
3	256QAM	1	0	18.03	17.90	17.95	19	5
3	256QAM	1	8	17.98	18.05	18.01		
3	256QAM	1	14	17.97	17.99	17.93		
3	256QAM	8	0	17.90	17.85	17.85	19	5
3	256QAM	8	4	17.95	17.93	17.93		
3	256QAM	8	7	17.95	17.94	17.90		
3	256QAM	15	0	17.96	17.90	17.93		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.69	22.56	22.50	24	0
1.4	QPSK	1	3	22.51	22.55	22.69		
1.4	QPSK	1	5	22.60	22.60	22.50		
1.4	QPSK	3	0	22.58	22.61	22.72		
1.4	QPSK	3	1	22.69	22.65	22.68		
1.4	QPSK	3	3	22.65	22.59	22.63		
1.4	QPSK	6	0	21.55	21.58	21.52	23	1
1.4	16QAM	1	0	22.08	21.88	21.77	23	1
1.4	16QAM	1	3	22.00	21.97	22.04		
1.4	16QAM	1	5	22.02	22.08	22.31		
1.4	16QAM	3	0	21.67	21.87	21.70		
1.4	16QAM	3	1	21.62	21.88	21.72		
1.4	16QAM	3	3	21.70	21.99	21.88		
1.4	16QAM	6	0	20.79	20.78	20.77	22	2
1.4	64QAM	1	0	20.70	20.60	21.09	22	2
1.4	64QAM	1	3	21.01	20.50	20.89		
1.4	64QAM	1	5	20.67	20.51	21.11		
1.4	64QAM	3	0	20.88	20.65	20.74		
1.4	64QAM	3	1	21.14	20.93	20.71		
1.4	64QAM	3	3	20.62	20.86	20.90		
1.4	64QAM	6	0	19.53	19.57	19.69	21	3
1.4	256QAM	1	0	17.98	17.94	17.89	19	5
1.4	256QAM	1	3	17.92	18.06	18.02		
1.4	256QAM	1	5	17.94	17.99	17.95		
1.4	256QAM	3	0	17.91	17.93	17.86		
1.4	256QAM	3	1	17.92	17.96	17.92		
1.4	256QAM	3	3	17.94	17.97	17.97		
1.4	256QAM	6	0	17.99	17.91	17.88	19	5

Band 7_ANT 2(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.91	20.16	20.09	21	0
20	QPSK	1	49	19.90	19.86	19.96		
20	QPSK	1	99	19.90	19.92	20.01		
20	QPSK	50	0	19.86	20.12	20.11	21	0
20	QPSK	50	24	19.83	19.95	20.10		
20	QPSK	50	50	19.85	20.09	20.06		
20	QPSK	100	0	19.92	20.04	20.02		
20	16QAM	1	0	20.14	20.02	20.14	21	0
20	16QAM	1	49	20.07	20.07	20.08		
20	16QAM	1	99	20.03	20.07	20.09		
20	16QAM	50	0	19.81	20.05	20.04	21	0
20	16QAM	50	24	19.92	20.03	20.02		
20	16QAM	50	50	19.91	20.00	20.07		
20	16QAM	100	0	19.95	20.04	20.03		
20	64QAM	1	0	20.02	19.82	20.09	21	0
20	64QAM	1	49	20.07	20.00	20.02		
20	64QAM	1	99	19.89	20.05	20.03		
20	64QAM	50	0	19.78	20.06	20.07	21	0
20	64QAM	50	24	19.86	20.00	20.00		
20	64QAM	50	50	19.91	20.01	20.00		
20	64QAM	100	0	19.98	20.06	20.09		
20	256QAM	1	0	18.58	18.49	18.52	19	2
20	256QAM	1	49	18.52	18.44	18.54		
20	256QAM	1	99	18.42	18.42	18.39		
20	256QAM	50	0	18.33	18.34	18.38	19	2
20	256QAM	50	24	18.47	18.40	18.36		
20	256QAM	50	50	18.38	18.39	18.36		
20	256QAM	100	0	18.40	18.36	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.78	20.02	20.04	21	0
15	QPSK	1	37	19.85	19.77	19.81		
15	QPSK	1	74	19.78	19.86	19.97		
15	QPSK	36	0	19.54	20.01	19.91	21	0
15	QPSK	36	20	19.63	19.84	19.92		
15	QPSK	36	39	19.64	19.91	19.98		
15	QPSK	75	0	19.71	19.93	19.92		
15	16QAM	1	0	20.00	19.94	20.09	21	0
15	16QAM	1	37	19.89	19.85	20.00		
15	16QAM	1	74	19.97	19.95	20.06		
15	16QAM	36	0	19.70	20.02	19.96	21	0
15	16QAM	36	20	19.79	19.84	19.94		
15	16QAM	36	39	19.73	19.85	19.95		
15	16QAM	75	0	19.83	20.00	19.96		
15	64QAM	1	0	19.88	19.71	20.03	21	0
15	64QAM	1	37	20.03	19.97	19.98		
15	64QAM	1	74	19.77	19.99	19.89		
15	64QAM	36	0	19.62	19.84	19.99	21	0
15	64QAM	36	20	19.71	19.78	19.78		
15	64QAM	36	39	19.87	19.95	19.87		
15	64QAM	75	0	19.80	19.94	20.00		
15	256QAM	1	0	18.63	18.52	18.62	19	2
15	256QAM	1	37	18.64	18.69	18.65		
15	256QAM	1	74	18.69	18.65	18.63		
15	256QAM	36	0	18.61	18.57	18.63	19	2
15	256QAM	36	20	18.69	18.67	18.60		
15	256QAM	36	39	18.62	18.68	18.69		
15	256QAM	75	0	18.66	18.67	18.64		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.82	20.02	19.96	21	0
10	QPSK	1	25	19.78	19.83	19.87		
10	QPSK	1	49	19.85	19.81	19.90		
10	QPSK	25	0	19.71	19.96	19.93	21	0
10	QPSK	25	12	19.80	19.91	19.96		
10	QPSK	25	25	19.77	19.87	20.03		
10	QPSK	50	0	19.77	19.83	19.80		
10	16QAM	1	0	19.99	19.91	20.11	21	0
10	16QAM	1	25	19.97	19.89	19.90		
10	16QAM	1	49	19.88	19.87	19.93		
10	16QAM	25	0	19.75	19.90	19.95	21	0
10	16QAM	25	12	19.87	19.81	19.83		
10	16QAM	25	25	19.76	19.86	20.02		
10	16QAM	50	0	19.77	19.86	19.93		
10	64QAM	1	0	19.87	19.78	19.95	21	0
10	64QAM	1	25	20.05	19.86	19.86		
10	64QAM	1	49	19.83	20.03	19.91		
10	64QAM	25	0	19.58	19.97	19.94	21	0
10	64QAM	25	12	19.84	19.92	19.90		
10	64QAM	25	25	19.70	19.96	19.90		
10	64QAM	50	0	19.86	19.98	19.98		
10	256QAM	1	0	18.66	18.64	18.61	19	2
10	256QAM	1	25	18.60	18.61	18.69		
10	256QAM	1	49	18.65	18.65	18.63		
10	256QAM	25	0	18.61	18.62	18.64	19	2
10	256QAM	25	12	18.61	18.60	18.67		
10	256QAM	25	25	18.67	18.68	18.61		
10	256QAM	50	0	18.61	18.68	18.61		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.82	20.02	19.89	21	0
5	QPSK	1	12	19.73	19.71	19.77		
5	QPSK	1	24	19.78	19.89	19.82		
5	QPSK	12	0	19.72	20.00	19.76	21	0
5	QPSK	12	7	19.70	19.92	20.07		
5	QPSK	12	13	19.83	20.06	19.94		
5	QPSK	25	0	19.79	19.91	19.85		
5	16QAM	1	0	19.96	19.84	20.10	21	0
5	16QAM	1	12	20.00	20.02	20.06		
5	16QAM	1	24	19.87	20.00	19.93		
5	16QAM	12	0	19.64	19.83	20.01	21	0
5	16QAM	12	7	19.88	20.00	19.92		
5	16QAM	12	13	19.73	19.84	19.95		
5	16QAM	25	0	19.90	19.87	19.98		
5	64QAM	1	0	19.93	19.75	19.96	21	0
5	64QAM	1	12	19.92	19.79	19.97		
5	64QAM	1	24	19.72	19.97	19.97		
5	64QAM	12	0	19.64	19.86	19.87	21	0
5	64QAM	12	7	19.81	19.81	19.78		
5	64QAM	12	13	19.85	19.81	19.97		
5	64QAM	25	0	19.92	19.90	20.02		
5	256QAM	1	0	18.62	18.63	18.61	19	2
5	256QAM	1	12	18.62	18.64	18.65		
5	256QAM	1	24	18.67	18.60	18.60		
5	256QAM	12	0	18.65	18.61	18.63	19	2
5	256QAM	12	7	18.63	18.69	18.68		
5	256QAM	12	13	18.64	18.65	18.63		
5	256QAM	25	0	18.67	18.64	18.64		

Band 7_ANT 5(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.19	18.25	18.19	19.8	0
20	QPSK	1	49	18.18	18.16	18.17		
20	QPSK	1	99	18.14	18.15	18.12		
20	QPSK	50	0	18.21	18.23	18.19	19.8	0
20	QPSK	50	24	18.20	18.20	18.18		
20	QPSK	50	50	18.14	18.19	18.12		
20	QPSK	100	0	18.13	18.18	18.11		
20	16QAM	1	0	18.22	18.18	18.10	19.8	0
20	16QAM	1	49	18.22	18.17	18.13		
20	16QAM	1	99	18.17	18.19	18.13		
20	16QAM	50	0	18.10	18.10	18.10	19.8	0
20	16QAM	50	24	18.20	18.18	18.19		
20	16QAM	50	50	18.13	18.11	18.15		
20	16QAM	100	0	18.20	18.15	18.10		
20	64QAM	1	0	18.16	18.16	18.12	19.8	0
20	64QAM	1	49	18.21	18.12	18.22		
20	64QAM	1	99	18.14	18.14	18.18		
20	64QAM	50	0	18.16	18.20	18.17	19.8	0
20	64QAM	50	24	18.18	18.20	18.15		
20	64QAM	50	50	18.11	18.17	18.14		
20	64QAM	100	0	18.19	18.19	18.14		
20	256QAM	1	0	18.04	18.08	18.13	19.8	0
20	256QAM	1	49	18.06	18.06	18.14		
20	256QAM	1	99	18.21	18.12	18.17		
20	256QAM	50	0	18.05	17.97	17.95	19.8	0
20	256QAM	50	24	17.96	17.96	17.90		
20	256QAM	50	50	18.03	18.03	17.99		
20	256QAM	100	0	17.94	18.01	17.98		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.06	18.17	18.08	19.8	0
15	QPSK	1	37	18.13	18.11	18.06		
15	QPSK	1	74	18.10	18.04	18.05		
15	QPSK	36	0	18.13	18.17	18.08	19.8	0
15	QPSK	36	20	18.18	18.14	18.08		
15	QPSK	36	39	18.01	18.07	18.05		
15	QPSK	75	0	18.05	18.12	18.06		
15	16QAM	1	0	18.18	18.09	18.02	19.8	0
15	16QAM	1	37	18.16	18.13	18.01		
15	16QAM	1	74	18.07	18.10	18.03		
15	16QAM	36	0	18.08	17.97	18.01	19.8	0
15	16QAM	36	20	18.14	18.09	18.16		
15	16QAM	36	39	18.04	18.00	18.02		
15	16QAM	75	0	18.11	18.04	18.06		
15	64QAM	1	0	18.13	18.03	18.03	19.8	0
15	64QAM	1	37	18.08	18.03	18.09		
15	64QAM	1	74	18.12	18.07	18.15		
15	64QAM	36	0	18.13	18.13	18.04	19.8	0
15	64QAM	36	20	18.05	18.16	18.07		
15	64QAM	36	39	18.09	18.15	18.02		
15	64QAM	75	0	18.07	18.06	18.09		
15	256QAM	1	0	18.00	17.98	18.04	19.8	0
15	256QAM	1	37	17.97	17.95	18.02		
15	256QAM	1	74	18.12	18.10	18.13		
15	256QAM	36	0	17.93	17.95	17.82	19.8	0
15	256QAM	36	20	17.84	17.93	17.78		
15	256QAM	36	39	17.97	17.95	17.97		
15	256QAM	75	0	17.86	17.93	17.96		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.09	18.16	18.16	19.8	0
10	QPSK	1	25	18.16	18.13	18.09		
10	QPSK	1	49	18.12	18.09	17.99		
10	QPSK	25	0	18.15	18.15	18.09	19.8	0
10	QPSK	25	12	18.14	18.11	18.12		
10	QPSK	25	25	18.02	18.11	18.07		
10	QPSK	50	0	18.03	18.08	17.98		
10	16QAM	1	0	18.11	18.08	17.97	19.8	0
10	16QAM	1	25	18.13	18.04	18.00		
10	16QAM	1	49	18.07	18.12	18.02		
10	16QAM	25	0	17.98	18.03	18.01	19.8	0
10	16QAM	25	12	18.07	18.11	18.17		
10	16QAM	25	25	18.07	17.99	18.10		
10	16QAM	50	0	18.08	18.13	18.02		
10	64QAM	1	0	18.06	18.12	18.01	19.8	0
10	64QAM	1	25	18.11	18.08	18.14		
10	64QAM	1	49	18.04	18.07	18.11		
10	64QAM	25	0	18.04	18.11	18.11	19.8	0
10	64QAM	25	12	18.05	18.14	18.10		
10	64QAM	25	25	18.05	18.06	18.11		
10	64QAM	50	0	18.16	18.14	18.09		
10	256QAM	1	0	17.96	17.99	18.01	19.8	0
10	256QAM	1	25	18.03	17.99	18.01		
10	256QAM	1	49	18.14	18.05	18.11		
10	256QAM	25	0	17.94	17.87	17.88	19.8	0
10	256QAM	25	12	17.90	17.83	17.86		
10	256QAM	25	25	18.00	17.93	17.86		
10	256QAM	50	0	17.92	17.93	17.90		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.15	18.20	18.16	19.8	0
5	QPSK	1	12	18.07	18.07	18.05		
5	QPSK	1	24	18.05	18.06	18.08		
5	QPSK	12	0	18.13	18.19	18.16	19.8	0
5	QPSK	12	7	18.11	18.07	18.12		
5	QPSK	12	13	18.04	18.10	18.01		
5	QPSK	25	0	18.07	18.07	18.06		
5	16QAM	1	0	18.17	18.11	18.06	19.8	0
5	16QAM	1	12	18.20	18.05	18.10		
5	16QAM	1	24	18.05	18.12	18.09		
5	16QAM	12	0	17.98	17.97	18.06	19.8	0
5	16QAM	12	7	18.17	18.10	18.14		
5	16QAM	12	13	18.00	18.01	18.09		
5	16QAM	25	0	18.07	18.13	18.07		
5	64QAM	1	0	18.10	18.09	17.99	19.8	0
5	64QAM	1	12	18.11	17.99	18.17		
5	64QAM	1	24	18.08	18.05	18.09		
5	64QAM	12	0	18.05	18.11	18.06	19.8	0
5	64QAM	12	7	18.12	18.07	18.04		
5	64QAM	12	13	17.98	18.07	18.06		
5	64QAM	25	0	18.11	18.16	18.07		
5	256QAM	1	0	17.95	17.99	18.06	19.8	0
5	256QAM	1	12	17.98	17.93	18.05		
5	256QAM	1	24	18.08	17.99	18.11		
5	256QAM	12	0	17.99	17.95	17.84	19.8	0
5	256QAM	12	7	17.90	17.94	17.84		
5	256QAM	12	13	17.91	17.92	17.92		
5	256QAM	25	0	17.84	17.92	17.90		

Band 12_ANT 0(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	23.00	22.87	24	0
10	QPSK	1	25	22.77	22.78	22.74		
10	QPSK	1	49	22.70	22.55	22.64		
10	QPSK	25	0	21.74	21.77	21.75	23	1
10	QPSK	25	12	21.72	21.74	21.74		
10	QPSK	25	25	21.73	21.76	21.72		
10	QPSK	50	0	21.71	21.75	21.74		
10	16QAM	1	0	22.11	21.98	22.17	23	1
10	16QAM	1	25	22.34	22.10	22.09		
10	16QAM	1	49	22.36	22.03	21.99		
10	16QAM	25	0	20.82	20.70	20.72	22	2
10	16QAM	25	12	20.83	20.76	20.80		
10	16QAM	25	25	20.80	20.80	20.66		
10	16QAM	50	0	20.70	20.62	20.79		
10	64QAM	1	0	20.61	21.03	21.03	22	2
10	64QAM	1	25	21.12	21.06	21.07		
10	64QAM	1	49	20.98	21.11	20.94		
10	64QAM	25	0	19.70	19.80	19.68	21	3
10	64QAM	25	12	19.70	19.76	19.68		
10	64QAM	25	25	19.71	19.76	19.77		
10	64QAM	50	0	19.73	19.69	19.78		
10	256QAM	1	0	17.96	18.04	17.95	19	5
10	256QAM	1	25	17.99	18.03	17.97		
10	256QAM	1	49	18.03	17.95	17.94		
10	256QAM	25	0	17.93	17.97	17.90	19	5
10	256QAM	25	12	17.96	17.89	18.00		
10	256QAM	25	25	17.95	17.91	17.92		
10	256QAM	50	0	18.00	17.90	17.94		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.66	22.66	22.65	24	0
5	QPSK	1	12	22.76	22.75	22.72		
5	QPSK	1	24	22.69	22.67	22.65		
5	QPSK	12	0	21.69	21.69	21.65	23	1
5	QPSK	12	7	21.78	21.70	21.67		
5	QPSK	12	13	21.73	21.74	21.72		
5	QPSK	25	0	21.75	21.67	21.64		
5	16QAM	1	0	22.10	22.02	22.03	23	1
5	16QAM	1	12	22.16	22.15	22.18		
5	16QAM	1	24	22.05	22.09	22.00		
5	16QAM	12	0	20.76	20.77	20.71	22	2
5	16QAM	12	7	20.83	20.81	20.73		
5	16QAM	12	13	20.79	20.83	20.74		
5	16QAM	25	0	20.77	20.70	20.63		
5	64QAM	1	0	20.99	20.95	20.95	22	2
5	64QAM	1	12	21.02	21.06	20.98		
5	64QAM	1	24	20.89	20.95	20.96		
5	64QAM	12	0	19.73	19.75	19.66	21	3
5	64QAM	12	7	19.80	19.74	19.67		
5	64QAM	12	13	19.78	19.79	19.72		
5	64QAM	25	0	19.77	19.69	19.63		
5	256QAM	1	0	17.96	18.07	17.93	19	5
5	256QAM	1	12	18.01	18.07	18.01		
5	256QAM	1	24	18.07	17.98	17.96		
5	256QAM	12	0	17.97	17.98	17.89	19	5
5	256QAM	12	7	17.96	17.89	17.98		
5	256QAM	12	13	17.98	17.91	17.90		
5	256QAM	25	0	18.00	17.90	17.95		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.66	22.59	22.58	24	0
3	QPSK	1	8	22.69	22.66	22.61		
3	QPSK	1	14	22.57	22.58	22.52		
3	QPSK	8	0	21.74	21.65	21.61	23	1
3	QPSK	8	4	21.72	21.73	21.59		
3	QPSK	8	7	21.70	21.69	21.62		
3	QPSK	15	0	21.68	21.63	21.55		
3	16QAM	1	0	21.94	22.01	21.96	23	1
3	16QAM	1	8	22.11	22.08	22.04		
3	16QAM	1	14	21.99	21.93	21.91		
3	16QAM	8	0	20.84	20.75	20.70	22	2
3	16QAM	8	4	20.83	20.81	20.70		
3	16QAM	8	7	20.80	20.78	20.72		
3	16QAM	15	0	20.73	20.65	20.58		
3	64QAM	1	0	20.92	20.86	20.83	22	2
3	64QAM	1	8	20.94	20.90	20.89		
3	64QAM	1	14	20.92	20.86	20.83		
3	64QAM	8	0	19.77	19.72	19.64	21	3
3	64QAM	8	4	19.80	19.79	19.66		
3	64QAM	8	7	19.77	19.70	19.68		
3	64QAM	15	0	19.74	19.65	19.62		
3	256QAM	1	0	17.96	18.02	17.95	19	5
3	256QAM	1	8	18.03	18.02	17.99		
3	256QAM	1	14	17.99	17.98	17.91		
3	256QAM	8	0	17.97	17.93	17.93	19	5
3	256QAM	8	4	17.93	17.85	17.96		
3	256QAM	8	7	17.93	17.90	17.88		
3	256QAM	15	0	18.00	17.87	17.97		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.68	22.64	22.58	24	0
1.4	QPSK	1	3	22.65	22.67	22.61		
1.4	QPSK	1	5	22.60	22.62	22.57		
1.4	QPSK	3	0	22.68	22.69	22.63		
1.4	QPSK	3	1	22.69	22.70	22.66		
1.4	QPSK	3	3	22.68	22.70	22.62		
1.4	QPSK	6	0	21.68	21.59	21.60	23	1
1.4	16QAM	1	0	22.06	22.05	22.10	23	1
1.4	16QAM	1	3	22.08	22.12	21.95		
1.4	16QAM	1	5	22.03	22.03	22.00		
1.4	16QAM	3	0	21.89	21.92	21.79		
1.4	16QAM	3	1	21.87	21.87	21.78		
1.4	16QAM	3	3	21.88	21.85	21.77		
1.4	16QAM	6	0	20.77	20.69	20.67	22	2
1.4	64QAM	1	0	20.96	20.91	20.88	22	2
1.4	64QAM	1	3	20.90	20.94	20.84		
1.4	64QAM	1	5	20.83	20.89	20.79		
1.4	64QAM	3	0	20.86	20.84	20.75		
1.4	64QAM	3	1	20.83	20.88	20.79		
1.4	64QAM	3	3	20.78	20.73	20.72		
1.4	64QAM	6	0	19.75	19.64	19.65	21	3
1.4	256QAM	1	0	17.96	18.04	17.96	19	5
1.4	256QAM	1	3	18.03	18.06	17.96		
1.4	256QAM	1	5	18.02	17.96	17.97		
1.4	256QAM	3	0	17.91	17.97	17.91		
1.4	256QAM	3	1	17.99	17.93	17.97		
1.4	256QAM	3	3	17.97	17.89	17.88		
1.4	256QAM	6	0	18.02	17.90	17.93	19	5

Band 13_ANT 0(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.05		24	0
10	QPSK	1	25		23.01			
10	QPSK	1	49		23.04			
10	QPSK	25	0		22.06		23	1
10	QPSK	25	12		22.05			
10	QPSK	25	25		22.00			
10	QPSK	50	0		22.05			
10	16QAM	1	0		22.78		23	1
10	16QAM	1	25		22.36			
10	16QAM	1	49		22.54			
10	16QAM	25	0		21.10		22	2
10	16QAM	25	12		21.15			
10	16QAM	25	25		21.14			
10	16QAM	50	0		21.02			
10	64QAM	1	0		21.18		22	2
10	64QAM	1	25		21.38			
10	64QAM	1	49		21.36			
10	64QAM	25	0		20.04		21	3
10	64QAM	25	12		20.17			
10	64QAM	25	25		20.06			
10	64QAM	50	0		20.15			
10	256QAM	1	0		18.14		19	5
10	256QAM	1	25		18.21			
10	256QAM	1	49		18.10			
10	256QAM	25	0		17.99		19	5
10	256QAM	25	12		18.02			
10	256QAM	25	25		18.00			
10	256QAM	50	0		18.06			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.80	22.78	22.86	24	0
5	QPSK	1	12	22.79	22.91	22.74		
5	QPSK	1	24	22.85	22.75	22.79		
5	QPSK	12	0	21.78	21.73	21.76	23	1
5	QPSK	12	7	21.78	21.76	21.72		
5	QPSK	12	13	21.79	21.78	21.78		
5	QPSK	25	0	21.79	21.73	21.79		
5	16QAM	1	0	22.31	22.07	22.01	23	1
5	16QAM	1	12	22.24	22.28	22.39		
5	16QAM	1	24	22.04	22.20	22.31		
5	16QAM	12	0	20.81	20.80	20.77	22	2
5	16QAM	12	7	20.87	20.90	20.87		
5	16QAM	12	13	20.75	20.88	20.84		
5	16QAM	25	0	20.78	20.80	20.75		
5	64QAM	1	0	20.89	20.91	21.27	22	2
5	64QAM	1	12	20.85	21.31	21.04		
5	64QAM	1	24	20.82	21.00	20.90		
5	64QAM	12	0	19.80	19.77	19.93	21	3
5	64QAM	12	7	19.91	19.78	19.78		
5	64QAM	12	13	19.87	19.79	19.90		
5	64QAM	25	0	19.80	19.81	19.82		
5	256QAM	1	0	18.15	18.06	18.23	19	5
5	256QAM	1	12	18.22	18.18	18.26		
5	256QAM	1	24	18.14	18.06	18.17		
5	256QAM	12	0	18.01	17.98	18.02	19	5
5	256QAM	12	7	18.02	17.98	18.09		
5	256QAM	12	13	18.02	17.91	18.01		
5	256QAM	25	0	18.09	18.01	18.11		

Band 17_ANT 0(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.89	22.99	22.92	24	0
10	QPSK	1	25	22.81	22.92	22.83		
10	QPSK	1	49	22.72	22.86	22.62		
10	QPSK	25	0	21.82	21.84	21.82	23	1
10	QPSK	25	12	21.81	21.83	21.80		
10	QPSK	25	25	21.74	21.71	21.81		
10	QPSK	50	0	21.59	21.76	21.74		
10	16QAM	1	0	22.09	21.87	21.93	23	1
10	16QAM	1	25	22.12	22.19	22.36		
10	16QAM	1	49	21.96	22.09	22.18		
10	16QAM	25	0	20.77	20.66	20.77	22	2
10	16QAM	25	12	20.89	20.81	20.86		
10	16QAM	25	25	20.80	20.79	20.71		
10	16QAM	50	0	20.63	20.60	20.61		
10	64QAM	1	0	20.76	21.02	20.89	22	2
10	64QAM	1	25	21.05	20.96	20.98		
10	64QAM	1	49	20.89	20.84	20.55		
10	64QAM	25	0	19.68	19.75	19.78	21	3
10	64QAM	25	12	19.83	19.71	19.83		
10	64QAM	25	25	19.80	19.76	19.62		
10	64QAM	50	0	19.69	19.71	19.65		
10	256QAM	1	0	17.92	17.90	17.88	19	5
10	256QAM	1	25	18.01	18.00	17.98		
10	256QAM	1	49	18.02	17.88	17.93		
10	256QAM	25	0	17.99	17.96	17.93	19	5
10	256QAM	25	12	17.94	18.02	17.95		
10	256QAM	25	25	17.92	17.90	17.94		
10	256QAM	50	0	17.89	17.91	17.92		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.71	22.69	22.69	24	0
5	QPSK	1	12	22.65	22.68	22.69		
5	QPSK	1	24	22.56	22.61	22.61		
5	QPSK	12	0	21.66	21.69	21.67	23	1
5	QPSK	12	7	21.73	21.67	21.64		
5	QPSK	12	13	21.66	21.68	21.66		
5	QPSK	25	0	21.68	21.62	21.62		
5	16QAM	1	0	22.04	22.02	22.04	23	1
5	16QAM	1	12	22.11	22.02	22.19		
5	16QAM	1	24	21.97	21.98	21.96		
5	16QAM	12	0	20.73	20.75	20.75	22	2
5	16QAM	12	7	20.77	20.72	20.72		
5	16QAM	12	13	20.74	20.71	20.71		
5	16QAM	25	0	20.71	20.67	20.65		
5	64QAM	1	0	20.97	20.94	20.94	22	2
5	64QAM	1	12	20.89	20.99	20.93		
5	64QAM	1	24	20.84	20.86	20.85		
5	64QAM	12	0	19.72	19.74	19.71	21	3
5	64QAM	12	7	19.77	19.76	19.76		
5	64QAM	12	13	19.71	19.69	19.68		
5	64QAM	25	0	19.73	19.69	19.65		
5	256QAM	1	0	17.95	17.88	17.93	19	5
5	256QAM	1	12	17.97	18.02	18.03		
5	256QAM	1	24	17.99	17.93	17.90		
5	256QAM	12	0	18.03	17.90	17.99	19	5
5	256QAM	12	7	17.98	17.98	17.99		
5	256QAM	12	13	17.95	17.95	17.93		
5	256QAM	25	0	17.88	17.93	17.89		

Band 25_ANT 2(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.26	20.41	20.26	21	0
20	QPSK	1	49	20.24	20.29	20.15		
20	QPSK	1	99	20.15	20.32	20.11		
20	QPSK	50	0	20.22	20.27	20.21	21	0
20	QPSK	50	24	20.07	20.16	20.08		
20	QPSK	50	50	20.15	20.21	20.06		
20	QPSK	100	0	20.20	20.23	20.21		
20	16QAM	1	0	20.26	20.27	20.28	21	0
20	16QAM	1	49	20.24	20.21	19.98		
20	16QAM	1	99	20.09	20.25	20.29		
20	16QAM	50	0	20.15	20.22	20.09	21	0
20	16QAM	50	24	20.25	20.26	20.21		
20	16QAM	50	50	20.20	20.20	20.16		
20	16QAM	100	0	20.15	20.22	20.17		
20	64QAM	1	0	20.26	20.21	20.21	21	0
20	64QAM	1	49	20.21	20.25	20.22		
20	64QAM	1	99	20.15	20.14	20.22		
20	64QAM	50	0	20.12	20.22	20.21	21	0
20	64QAM	50	24	20.22	20.26	20.25		
20	64QAM	50	50	20.23	20.22	20.23		
20	64QAM	100	0	20.24	20.25	20.21		
20	256QAM	1	0	19.56	19.55	19.50	19.8	1.2
20	256QAM	1	49	19.57	19.57	19.56		
20	256QAM	1	99	19.50	19.50	19.54		
20	256QAM	50	0	19.41	19.47	19.42	19.8	1.2
20	256QAM	50	24	19.49	19.48	19.44		
20	256QAM	50	50	19.52	19.52	19.48		
20	256QAM	100	0	19.48	19.46	19.43		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.19	20.21	20.04	21	0
15	QPSK	1	37	20.09	20.19	20.06		
15	QPSK	1	74	19.99	20.19	19.90		
15	QPSK	36	0	20.17	20.17	20.00	21	0
15	QPSK	36	20	20.04	19.95	19.88		
15	QPSK	36	39	20.05	20.08	19.87		
15	QPSK	75	0	20.05	20.14	20.03		
15	16QAM	1	0	20.11	20.17	20.18	21	0
15	16QAM	1	37	20.14	20.07	19.84		
15	16QAM	1	74	19.97	20.12	20.25		
15	16QAM	36	0	19.96	20.16	19.94	21	0
15	16QAM	36	20	20.15	20.13	20.05		
15	16QAM	36	39	20.04	20.18	20.12		
15	16QAM	75	0	19.93	20.05	20.11		
15	64QAM	1	0	20.07	20.15	20.05	21	0
15	64QAM	1	37	20.14	20.22	20.04		
15	64QAM	1	74	20.13	20.01	20.02		
15	64QAM	36	0	20.04	20.05	20.08	21	0
15	64QAM	36	20	20.07	20.09	20.12		
15	64QAM	36	39	20.10	20.06	20.18		
15	64QAM	75	0	20.13	20.23	20.13		
15	256QAM	1	0	19.51	19.56	19.51	19.8	1.2
15	256QAM	1	37	19.58	19.57	19.57		
15	256QAM	1	74	19.56	19.53	19.51		
15	256QAM	36	0	19.59	19.56	19.54	19.8	1.2
15	256QAM	36	20	19.54	19.54	19.56		
15	256QAM	36	39	19.59	19.56	19.52		
15	256QAM	75	0	19.50	19.45	19.54		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.11	20.30	20.11	21	0
10	QPSK	1	25	20.15	20.20	19.96		
10	QPSK	1	49	20.03	20.11	20.09		
10	QPSK	25	0	20.05	20.15	20.09	21	0
10	QPSK	25	12	19.86	19.98	19.89		
10	QPSK	25	25	19.94	20.12	19.93		
10	QPSK	50	0	19.98	20.21	20.14		
10	16QAM	1	0	20.10	20.08	20.14	21	0
10	16QAM	1	25	20.19	20.12	19.96		
10	16QAM	1	49	20.06	20.16	20.15		
10	16QAM	25	0	20.06	20.08	19.92	21	0
10	16QAM	25	12	20.12	20.21	20.06		
10	16QAM	25	25	20.18	20.03	19.98		
10	16QAM	50	0	20.01	20.09	20.08		
10	64QAM	1	0	20.14	20.09	20.07	21	0
10	64QAM	1	25	20.04	20.19	20.09		
10	64QAM	1	49	19.96	20.02	20.09		
10	64QAM	25	0	20.07	20.07	20.14	21	0
10	64QAM	25	12	20.04	20.14	20.17		
10	64QAM	25	25	20.10	20.07	20.02		
10	64QAM	50	0	20.16	20.06	20.01		
10	256QAM	1	0	19.52	19.45	19.53	19.8	1.2
10	256QAM	1	25	19.53	19.57	19.51		
10	256QAM	1	49	19.58	19.51	19.54		
10	256QAM	25	0	19.59	19.55	19.55	19.8	1.2
10	256QAM	25	12	19.57	19.56	19.58		
10	256QAM	25	25	19.56	19.46	19.55		
10	256QAM	50	0	19.57	19.54	19.59		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.20	20.22	20.10	21	0
5	QPSK	1	12	20.05	20.16	20.11		
5	QPSK	1	24	20.04	20.28	20.09		
5	QPSK	12	0	20.19	20.15	20.16	21	0
5	QPSK	12	7	20.03	19.96	19.95		
5	QPSK	12	13	20.01	20.12	19.88		
5	QPSK	25	0	20.06	20.20	20.19		
5	16QAM	1	0	20.19	20.15	20.23	21	0
5	16QAM	1	12	20.13	20.07	19.79		
5	16QAM	1	24	20.06	20.03	20.16		
5	16QAM	12	0	19.96	20.17	20.07	21	0
5	16QAM	12	7	20.17	20.06	20.11		
5	16QAM	12	13	20.12	20.03	19.96		
5	16QAM	25	0	20.13	20.00	20.11		
5	64QAM	1	0	20.16	20.00	20.14	21	0
5	64QAM	1	12	20.07	20.23	20.03		
5	64QAM	1	24	19.93	19.97	20.05		
5	64QAM	12	0	19.95	20.17	20.00	21	0
5	64QAM	12	7	20.06	20.10	20.18		
5	64QAM	12	13	20.10	20.11	20.07		
5	64QAM	25	0	20.11	20.22	20.08		
5	256QAM	1	0	19.52	19.46	19.51	19.8	1.2
5	256QAM	1	12	19.54	19.59	19.55		
5	256QAM	1	24	19.52	19.45	19.50		
5	256QAM	12	0	19.54	19.49	19.59	19.8	1.2
5	256QAM	12	7	19.53	19.58	19.56		
5	256QAM	12	13	19.55	19.54	19.55		
5	256QAM	25	0	19.58	19.46	19.56		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.22	20.22	20.12	21	0
3	QPSK	1	8	20.04	20.12	20.04		
3	QPSK	1	14	20.10	20.19	19.95		
3	QPSK	8	0	20.14	20.20	20.07	21	0
3	QPSK	8	4	19.96	19.98	20.03		
3	QPSK	8	7	19.98	20.12	19.92		
3	QPSK	15	0	20.17	20.02	20.03		
3	16QAM	1	0	20.05	20.23	20.10	21	0
3	16QAM	1	8	20.15	20.14	19.87		
3	16QAM	1	14	19.93	20.05	20.17		
3	16QAM	8	0	20.11	20.08	20.03	21	0
3	16QAM	8	4	20.12	20.12	20.04		
3	16QAM	8	7	20.13	20.16	20.14		
3	16QAM	15	0	20.04	20.14	19.95		
3	64QAM	1	0	20.08	20.08	20.04	21	0
3	64QAM	1	8	20.00	20.19	20.00		
3	64QAM	1	14	20.12	20.07	20.05		
3	64QAM	8	0	19.93	20.20	20.04	21	0
3	64QAM	8	4	20.07	20.16	20.22		
3	64QAM	8	7	20.14	20.00	20.21		
3	64QAM	15	0	20.03	20.07	20.10		
3	256QAM	1	0	19.50	19.46	19.56	19.8	1.2
3	256QAM	1	8	19.54	19.55	19.54		
3	256QAM	1	14	19.58	19.52	19.53		
3	256QAM	8	0	19.58	19.52	19.58	19.8	1.2
3	256QAM	8	4	19.56	19.51	19.51		
3	256QAM	8	7	19.56	19.55	19.50		
3	256QAM	15	0	19.57	19.46	19.50		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.21	20.34	20.12	21	0
1.4	QPSK	1	3	20.13	20.16	20.04		
1.4	QPSK	1	5	20.09	20.17	20.04		
1.4	QPSK	3	0	20.02	20.11	20.09		
1.4	QPSK	3	1	19.94	20.12	19.93		
1.4	QPSK	3	3	19.93	20.08	19.94		
1.4	QPSK	6	0	20.15	20.09	20.05	21	0
1.4	16QAM	1	0	20.21	20.14	20.07	21	0
1.4	16QAM	1	3	20.18	20.14	19.93		
1.4	16QAM	1	5	20.05	20.15	20.27		
1.4	16QAM	3	0	19.94	20.18	20.06		
1.4	16QAM	3	1	20.15	20.15	20.13		
1.4	16QAM	3	3	20.07	20.01	20.04		
1.4	16QAM	6	0	19.93	20.18	20.09	21	0
1.4	64QAM	1	0	20.20	20.08	20.09	21	0
1.4	64QAM	1	3	20.14	20.21	20.12		
1.4	64QAM	1	5	20.08	20.05	20.18		
1.4	64QAM	3	0	20.10	20.19	20.13		
1.4	64QAM	3	1	20.16	20.22	20.18		
1.4	64QAM	3	3	20.13	20.11	20.12		
1.4	64QAM	6	0	20.15	20.08	20.08	21	0
1.4	256QAM	1	0	19.51	19.56	19.54	19.8	1.2
1.4	256QAM	1	3	19.55	19.56	19.57		
1.4	256QAM	1	5	19.51	19.52	19.55		
1.4	256QAM	3	0	19.59	19.52	19.58		
1.4	256QAM	3	1	19.58	19.54	19.55		
1.4	256QAM	3	3	19.51	19.45	19.51		
1.4	256QAM	6	0	19.58	19.56	19.55	19.8	1.2

Band 26 for FCC_ANT 0(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.91	22.96	22.84	24	0
15	QPSK	1	37	22.84	22.82	22.82		
15	QPSK	1	74	22.77	22.88	22.72		
15	QPSK	36	0	21.76	21.77	21.75	23	1
15	QPSK	36	20	21.70	21.74	21.61		
15	QPSK	36	39	21.75	21.72	21.74		
15	QPSK	75	0	21.71	21.76	21.75		
15	16QAM	1	0	21.86	21.78	21.79	23	1
15	16QAM	1	37	22.03	21.91	22.28		
15	16QAM	1	74	22.14	21.70	21.95		
15	16QAM	36	0	20.71	20.70	20.72	22	2
15	16QAM	36	20	20.78	20.78	20.68		
15	16QAM	36	39	20.77	20.75	20.71		
15	16QAM	75	0	20.76	20.74	20.75		
15	64QAM	1	0	20.89	21.07	21.29	22	2
15	64QAM	1	37	20.72	21.09	20.81		
15	64QAM	1	74	20.86	21.02	20.70		
15	64QAM	36	0	19.69	19.63	19.67	21	3
15	64QAM	36	20	19.74	19.72	19.72		
15	64QAM	36	39	19.73	19.84	19.80		
15	64QAM	75	0	19.77	19.71	19.69		
15	256QAM	1	0	18.10	17.98	17.99	19	5
15	256QAM	1	37	18.00	18.06	18.02		
15	256QAM	1	74	18.01	17.99	17.91		
15	256QAM	36	0	17.96	18.05	17.85	19	5
15	256QAM	36	20	17.95	17.86	17.88		
15	256QAM	36	39	17.86	17.80	17.87		
15	256QAM	75	0	17.92	17.88	17.89		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.61	22.58	22.81	24	0
10	QPSK	1	25	22.76	22.66	22.76		
10	QPSK	1	49	22.65	22.58	22.62		
10	QPSK	25	0	21.67	21.69	21.75	23	1
10	QPSK	25	12	21.85	21.61	21.68		
10	QPSK	25	25	21.73	21.70	21.71		
10	QPSK	50	0	21.75	21.66	21.69		
10	16QAM	1	0	22.27	22.12	22.01	23	1
10	16QAM	1	25	22.14	22.33	21.76		
10	16QAM	1	49	22.01	22.14	22.12		
10	16QAM	25	0	20.69	20.73	20.90	22	2
10	16QAM	25	12	20.79	20.62	20.83		
10	16QAM	25	25	20.79	20.74	20.77		
10	16QAM	50	0	20.76	20.77	20.69		
10	64QAM	1	0	20.75	20.82	20.78	22	2
10	64QAM	1	25	21.27	21.01	21.17		
10	64QAM	1	49	20.62	21.06	20.66		
10	64QAM	25	0	19.77	19.75	19.85	21	3
10	64QAM	25	12	19.71	19.67	19.66		
10	64QAM	25	25	19.74	19.69	19.79		
10	64QAM	50	0	19.75	19.77	19.79		
10	256QAM	1	0	18.09	17.97	17.95	19	5
10	256QAM	1	25	17.99	17.98	18.02		
10	256QAM	1	49	18.05	17.88	18.02		
10	256QAM	25	0	17.95	17.81	18.08	19	5
10	256QAM	25	12	17.96	17.91	17.89		
10	256QAM	25	25	17.88	17.84	17.80		
10	256QAM	50	0	17.91	17.87	17.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.65	22.61	22.76	24	0
5	QPSK	1	12	22.77	22.69	22.91		
5	QPSK	1	24	22.61	22.55	22.55		
5	QPSK	12	0	21.71	21.59	21.67	23	1
5	QPSK	12	7	21.74	21.60	21.75		
5	QPSK	12	13	21.72	21.74	21.80		
5	QPSK	25	0	21.74	21.69	21.68		
5	16QAM	1	0	22.12	21.81	22.17	23	1
5	16QAM	1	12	22.34	22.01	22.42		
5	16QAM	1	24	22.31	22.02	22.13		
5	16QAM	12	0	20.77	20.66	20.81	22	2
5	16QAM	12	7	20.96	20.65	20.81		
5	16QAM	12	13	20.87	20.74	20.85		
5	16QAM	25	0	20.74	20.72	20.77		
5	64QAM	1	0	21.08	20.64	20.75	22	2
5	64QAM	1	12	21.10	21.12	21.09		
5	64QAM	1	24	21.30	20.96	20.93		
5	64QAM	12	0	19.71	19.71	19.76	21	3
5	64QAM	12	7	19.88	19.80	19.91		
5	64QAM	12	13	19.77	19.63	19.79		
5	64QAM	25	0	19.88	19.66	19.62		
5	256QAM	1	0	18.14	18.00	17.99	19	5
5	256QAM	1	12	18.04	17.98	18.03		
5	256QAM	1	24	18.02	17.95	17.97		
5	256QAM	12	0	17.97	17.81	18.09	19	5
5	256QAM	12	7	17.96	17.92	17.84		
5	256QAM	12	13	17.82	17.91	17.82		
5	256QAM	25	0	17.89	17.85	17.88		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.57	22.54	22.68	24	0
3	QPSK	1	8	22.69	22.69	22.71		
3	QPSK	1	14	22.59	22.57	22.57		
3	QPSK	8	0	21.80	21.63	21.69	23	1
3	QPSK	8	4	21.80	21.72	21.78		
3	QPSK	8	7	21.72	21.66	21.75		
3	QPSK	15	0	21.76	21.70	21.71		
3	16QAM	1	0	22.08	22.18	22.04	23	1
3	16QAM	1	8	22.26	21.70	22.11		
3	16QAM	1	14	21.97	21.88	22.05		
3	16QAM	8	0	20.81	20.87	20.70	22	2
3	16QAM	8	4	20.89	20.81	20.87		
3	16QAM	8	7	20.84	20.76	21.05		
3	16QAM	15	0	20.69	20.68	20.73		
3	64QAM	1	0	20.74	20.93	20.79	22	2
3	64QAM	1	8	20.95	20.63	20.58		
3	64QAM	1	14	20.89	20.60	20.55		
3	64QAM	8	0	19.66	19.75	19.65	21	3
3	64QAM	8	4	19.79	19.61	19.86		
3	64QAM	8	7	19.88	19.74	19.80		
3	64QAM	15	0	19.79	19.73	19.73		
3	256QAM	1	0	18.14	18.02	17.95	19	5
3	256QAM	1	8	18.01	18.01	18.03		
3	256QAM	1	14	18.05	17.93	18.03		
3	256QAM	8	0	17.92	17.86	18.08	19	5
3	256QAM	8	4	17.96	17.85	17.86		
3	256QAM	8	7	17.86	17.85	17.76		
3	256QAM	15	0	17.89	17.93	17.91		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.53	22.70	24	0
1.4	QPSK	1	3	22.73	22.60	22.66		
1.4	QPSK	1	5	22.62	22.58	22.73		
1.4	QPSK	3	0	22.73	22.58	22.63		
1.4	QPSK	3	1	22.75	22.64	22.70		
1.4	QPSK	3	3	22.77	22.58	22.71		
1.4	QPSK	6	0	21.76	21.62	21.69	23	1
1.4	16QAM	1	0	21.80	21.78	22.18	23	1
1.4	16QAM	1	3	22.30	22.26	21.94		
1.4	16QAM	1	5	22.07	21.98	21.83		
1.4	16QAM	3	0	21.77	21.78	21.88		
1.4	16QAM	3	1	21.81	21.89	21.88		
1.4	16QAM	3	3	21.70	21.87	21.91		
1.4	16QAM	6	0	20.84	20.72	20.87	22	2
1.4	64QAM	1	0	21.05	20.89	20.69	22	2
1.4	64QAM	1	3	21.13	20.58	20.63		
1.4	64QAM	1	5	20.86	20.67	20.74		
1.4	64QAM	3	0	20.86	20.87	20.60		
1.4	64QAM	3	1	20.81	20.80	20.93		
1.4	64QAM	3	3	20.72	20.92	20.83		
1.4	64QAM	6	0	19.81	19.80	19.71	21	3
1.4	256QAM	1	0	18.14	18.02	17.94	19	5
1.4	256QAM	1	3	18.03	18.06	18.03		
1.4	256QAM	1	5	17.98	17.88	17.95		
1.4	256QAM	3	0	17.99	17.89	18.01		
1.4	256QAM	3	1	17.97	17.89	17.84		
1.4	256QAM	3	3	17.82	17.89	17.79		
1.4	256QAM	6	0	17.95	17.89	17.89	19	5

Band 30_ANT 2(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.20		21	0
10	QPSK	1	25		20.10			
10	QPSK	1	49		19.90			
10	QPSK	25	0		20.05		21	0
10	QPSK	25	12		19.95			
10	QPSK	25	25		19.93			
10	QPSK	50	0		20.05			
10	16QAM	1	0		20.03		21	0
10	16QAM	1	25		20.03			
10	16QAM	1	49		20.08			
10	16QAM	25	0		19.92		21	0
10	16QAM	25	12		19.98			
10	16QAM	25	25		19.92			
10	16QAM	50	0		19.95			
10	64QAM	1	0		20.16		21	0
10	64QAM	1	25		20.08			
10	64QAM	1	49		20.03			
10	64QAM	25	0		19.92		21	0
10	64QAM	25	12		20.05			
10	64QAM	25	25		19.84			
10	64QAM	50	0		19.97			
10	256QAM	1	0		18.54		19.8	1.2
10	256QAM	1	25		18.77			
10	256QAM	1	49		18.53			
10	256QAM	25	0		18.49		19.8	1.2
10	256QAM	25	12		18.52			
10	256QAM	25	25		18.54			
10	256QAM	50	0		18.47			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.84	19.88	19.91	21	0
5	QPSK	1	12	19.92	19.96	19.95		
5	QPSK	1	24	19.85	19.87	19.82		
5	QPSK	12	0	19.77	19.84	19.90	21	0
5	QPSK	12	7	19.89	19.90	19.97		
5	QPSK	12	13	19.89	19.86	19.89		
5	QPSK	25	0	19.85	19.84	19.93		
5	16QAM	1	0	19.97	20.01	19.94	21	0
5	16QAM	1	12	19.78	19.87	19.81		
5	16QAM	1	24	19.99	19.91	19.88		
5	16QAM	12	0	19.82	19.90	19.97	21	0
5	16QAM	12	7	19.97	19.97	20.00		
5	16QAM	12	13	19.93	19.93	19.93		
5	16QAM	25	0	19.88	19.86	19.92		
5	64QAM	1	0	19.72	19.92	19.89	21	0
5	64QAM	1	12	19.81	19.93	19.87		
5	64QAM	1	24	19.78	19.82	19.91		
5	64QAM	12	0	19.57	19.68	19.72	21	0
5	64QAM	12	7	19.74	19.70	19.74		
5	64QAM	12	13	19.69	19.64	19.69		
5	64QAM	25	0	19.64	19.66	19.72		
5	256QAM	1	0	18.90	18.96	18.92	19.8	1.2
5	256QAM	1	12	18.95	18.96	18.92		
5	256QAM	1	24	18.94	18.86	18.90		
5	256QAM	12	0	18.90	18.91	18.91	19.8	1.2
5	256QAM	12	7	18.80	18.88	18.85		
5	256QAM	12	13	18.86	18.88	18.84		
5	256QAM	25	0	18.84	18.91	18.88		

Band 66_ANT 2(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.11	20.36	20.28	21	0
20	QPSK	1	49	20.07	20.22	20.03		
20	QPSK	1	99	20.10	20.31	19.93		
20	QPSK	50	0	20.24	20.35	20.28	21	0
20	QPSK	50	24	20.20	20.30	20.15		
20	QPSK	50	50	20.22	20.31	20.04		
20	QPSK	100	0	20.17	20.27	20.11		
20	16QAM	1	0	20.07	20.14	20.02	21	0
20	16QAM	1	49	20.13	20.13	19.76		
20	16QAM	1	99	20.08	20.00	20.02		
20	16QAM	50	0	20.10	20.07	20.01	21	0
20	16QAM	50	24	20.05	20.03	20.06		
20	16QAM	50	50	20.01	20.06	20.00		
20	16QAM	100	0	20.18	20.09	20.01		
20	64QAM	1	0	20.04	20.17	20.11	21	0
20	64QAM	1	49	19.97	20.15	20.02		
20	64QAM	1	99	20.10	20.18	20.17		
20	64QAM	50	0	20.03	20.00	19.55	21	0
20	64QAM	50	24	20.02	20.09	19.67		
20	64QAM	50	50	20.18	20.02	19.97		
20	64QAM	100	0	20.09	20.09	19.82		
20	256QAM	1	0	19.39	19.53	19.47	19.8	1.2
20	256QAM	1	49	19.25	19.64	19.53		
20	256QAM	1	99	19.55	19.48	19.41		
20	256QAM	50	0	19.35	19.49	19.40	19.8	1.2
20	256QAM	50	24	19.47	19.44	19.42		
20	256QAM	50	50	19.48	19.47	19.38		
20	256QAM	100	0	19.45	19.48	19.39		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.94	20.26	20.16	21	0
15	QPSK	1	37	19.99	20.13	19.89		
15	QPSK	1	74	19.99	20.14	19.76		
15	QPSK	36	0	20.17	20.30	20.25	21	0
15	QPSK	36	20	20.14	20.22	20.11		
15	QPSK	36	39	20.06	20.19	19.98		
15	QPSK	75	0	20.06	20.23	20.07		
15	16QAM	1	0	19.88	19.99	19.92	21	0
15	16QAM	1	37	19.93	20.04	19.60		
15	16QAM	1	74	19.94	19.91	19.88		
15	16QAM	36	0	20.04	19.92	19.93	21	0
15	16QAM	36	20	19.87	19.83	19.86		
15	16QAM	36	39	19.87	20.03	19.82		
15	16QAM	75	0	20.14	19.87	19.88		
15	64QAM	1	0	19.95	20.12	20.03	21	0
15	64QAM	1	37	19.82	19.99	19.85		
15	64QAM	1	74	19.88	20.16	20.05		
15	64QAM	36	0	19.87	19.94	19.49	21	0
15	64QAM	36	20	19.90	19.91	19.63		
15	64QAM	36	39	20.16	19.80	19.85		
15	64QAM	75	0	20.00	19.94	19.64		
15	256QAM	1	0	19.57	19.46	19.59	19.8	1.2
15	256QAM	1	37	19.55	19.53	19.51		
15	256QAM	1	74	19.56	19.59	19.48		
15	256QAM	36	0	19.46	19.50	19.47	19.8	1.2
15	256QAM	36	20	19.49	19.53	19.45		
15	256QAM	36	39	19.48	19.52	19.47		
15	256QAM	75	0	19.48	19.54	19.54		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.06	20.32	20.20	21	0
10	QPSK	1	25	20.03	20.02	19.85		
10	QPSK	1	49	19.95	20.24	19.84		
10	QPSK	25	0	20.09	20.16	20.25	21	0
10	QPSK	25	12	20.13	20.20	20.08		
10	QPSK	25	25	20.19	20.18	19.92		
10	QPSK	50	0	20.15	20.09	19.95		
10	16QAM	1	0	19.99	20.11	19.82	21	0
10	16QAM	1	25	20.04	20.04	19.67		
10	16QAM	1	49	19.99	19.83	19.95		
10	16QAM	25	0	19.95	19.91	19.89	21	0
10	16QAM	25	12	19.88	19.82	19.91		
10	16QAM	25	25	19.90	19.86	19.81		
10	16QAM	50	0	19.99	20.00	19.96		
10	64QAM	1	0	19.85	20.04	20.08	21	0
10	64QAM	1	25	19.92	20.08	19.94		
10	64QAM	1	49	20.05	19.98	20.02		
10	64QAM	25	0	19.93	19.93	19.49	21	0
10	64QAM	25	12	19.98	19.92	19.46		
10	64QAM	25	25	20.10	19.93	19.81		
10	64QAM	50	0	19.87	20.05	19.78		
10	256QAM	1	0	19.54	19.54	19.52	19.8	1.2
10	256QAM	1	25	19.50	19.52	19.48		
10	256QAM	1	49	19.58	19.52	19.47		
10	256QAM	25	0	19.54	19.51	19.50	19.8	1.2
10	256QAM	25	12	19.54	19.53	19.47		
10	256QAM	25	25	19.59	19.52	19.45		
10	256QAM	50	0	19.51	19.53	19.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.91	20.26	20.24	21	0
5	QPSK	1	12	19.99	20.05	19.90		
5	QPSK	1	24	19.88	20.25	19.87		
5	QPSK	12	0	20.11	20.14	20.09	21	0
5	QPSK	12	7	20.09	20.17	19.96		
5	QPSK	12	13	20.19	20.29	19.90		
5	QPSK	25	0	20.00	20.16	20.09		
5	16QAM	1	0	19.98	20.10	19.84	21	0
5	16QAM	1	12	19.91	19.94	19.61		
5	16QAM	1	24	19.93	19.94	19.89		
5	16QAM	12	0	19.95	19.90	19.95	21	0
5	16QAM	12	7	20.02	19.90	19.93		
5	16QAM	12	13	19.84	19.88	19.90		
5	16QAM	25	0	20.04	19.88	19.88		
5	64QAM	1	0	19.87	20.11	19.91	21	0
5	64QAM	1	12	19.94	20.04	19.93		
5	64QAM	1	24	19.98	20.10	20.01		
5	64QAM	12	0	19.92	19.88	19.34	21	0
5	64QAM	12	7	19.81	19.91	19.59		
5	64QAM	12	13	20.08	19.93	19.88		
5	64QAM	25	0	20.03	19.94	19.65		
5	256QAM	1	0	19.56	19.59	19.48	19.8	1.2
5	256QAM	1	12	19.56	19.51	19.56		
5	256QAM	1	24	19.49	19.56	19.53		
5	256QAM	12	0	19.46	19.56	19.49	19.8	1.2
5	256QAM	12	7	19.57	19.53	19.46		
5	256QAM	12	13	19.59	19.51	19.59		
5	256QAM	25	0	19.52	19.58	19.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.97	20.32	20.09	21	0
3	QPSK	1	8	20.05	20.19	19.94		
3	QPSK	1	14	19.88	20.24	19.90		
3	QPSK	8	0	20.18	20.27	20.24	21	0
3	QPSK	8	4	20.06	20.16	19.97		
3	QPSK	8	7	20.07	20.17	20.00		
3	QPSK	15	0	19.95	20.18	19.97		
3	16QAM	1	0	20.05	19.99	19.91	21	0
3	16QAM	1	8	20.02	20.09	19.54		
3	16QAM	1	14	19.91	19.82	19.85		
3	16QAM	8	0	19.98	19.88	19.87	21	0
3	16QAM	8	4	19.96	19.88	19.88		
3	16QAM	8	7	19.79	20.03	19.87		
3	16QAM	15	0	20.07	19.95	19.81		
3	64QAM	1	0	19.95	20.10	19.90	21	0
3	64QAM	1	8	19.85	20.00	19.99		
3	64QAM	1	14	19.97	20.04	20.03		
3	64QAM	8	0	19.92	19.92	19.33	21	0
3	64QAM	8	4	19.82	19.93	19.60		
3	64QAM	8	7	20.01	19.99	19.83		
3	64QAM	15	0	20.05	20.04	19.65		
3	256QAM	1	0	19.58	19.57	19.55	19.8	1.2
3	256QAM	1	8	19.56	19.54	19.55		
3	256QAM	1	14	19.55	19.58	19.55		
3	256QAM	8	0	19.52	19.54	19.47	19.8	1.2
3	256QAM	8	4	19.48	19.59	19.53		
3	256QAM	8	7	19.45	19.55	19.55		
3	256QAM	15	0	19.58	19.52	19.59		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.90	20.20	20.18	21	0
1.4	QPSK	1	3	19.86	20.18	19.94		
1.4	QPSK	1	5	19.93	20.12	19.71		
1.4	QPSK	3	0	20.04	20.21	20.22		
1.4	QPSK	3	1	19.99	20.08	19.98		
1.4	QPSK	3	3	20.20	20.14	19.84		
1.4	QPSK	6	0	20.01	20.15	19.92	21	0
1.4	16QAM	1	0	20.00	20.12	19.89	21	0
1.4	16QAM	1	3	20.07	20.04	19.61		
1.4	16QAM	1	5	20.06	19.82	19.90		
1.4	16QAM	3	0	20.08	19.95	19.97		
1.4	16QAM	3	1	19.92	19.84	20.00		
1.4	16QAM	3	3	19.86	19.88	19.93		
1.4	16QAM	6	0	20.03	19.98	19.95	21	0
1.4	64QAM	1	0	19.99	20.05	20.07	21	0
1.4	64QAM	1	3	19.84	20.09	20.00		
1.4	64QAM	1	5	19.97	20.07	19.95		
1.4	64QAM	3	0	19.90	19.95	19.49		
1.4	64QAM	3	1	20.00	19.98	19.65		
1.4	64QAM	3	3	20.00	19.97	19.85		
1.4	64QAM	6	0	20.06	20.00	19.64	21	0
1.4	256QAM	1	0	19.45	19.52	19.54	19.8	1.2
1.4	256QAM	1	3	19.53	19.56	19.49		
1.4	256QAM	1	5	19.52	19.55	19.46		
1.4	256QAM	3	0	19.47	19.56	19.51		
1.4	256QAM	3	1	19.48	19.56	19.52		
1.4	256QAM	3	3	19.56	19.59	19.51		
1.4	256QAM	6	0	19.56	19.59	19.45	19.8	1.2

Band 66_ANT 5(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.62	19.65	19.61	20.3	0
20	QPSK	1	49	19.61	19.61	19.59		
20	QPSK	1	99	19.60	19.53	19.55		
20	QPSK	50	0	19.60	19.62	19.61	20.3	0
20	QPSK	50	24	19.55	19.56	19.58		
20	QPSK	50	50	19.53	19.55	19.53		
20	QPSK	100	0	19.53	19.54	19.51		
20	16QAM	1	0	19.51	19.55	19.50	20.3	0
20	16QAM	1	49	19.51	19.58	19.54		
20	16QAM	1	99	19.60	19.60	19.60		
20	16QAM	50	0	19.54	19.54	19.52	20.3	0
20	16QAM	50	24	19.56	19.57	19.54		
20	16QAM	50	50	19.59	19.50	19.56		
20	16QAM	100	0	19.60	19.57	19.56		
20	64QAM	1	0	19.50	19.61	19.50	20.3	0
20	64QAM	1	49	19.52	19.52	19.58		
20	64QAM	1	99	19.51	19.55	19.62		
20	64QAM	50	0	19.56	19.55	19.62	20.3	0
20	64QAM	50	24	19.62	19.58	19.59		
20	64QAM	50	50	19.54	19.61	19.53		
20	64QAM	100	0	19.58	19.62	19.55		
20	256QAM	1	0	19.13	19.00	19.15	19.8	0.5
20	256QAM	1	49	19.17	19.04	19.00		
20	256QAM	1	99	18.88	18.89	18.91		
20	256QAM	50	0	18.89	18.87	18.95	19.8	0.5
20	256QAM	50	24	18.84	18.83	18.74		
20	256QAM	50	50	18.78	18.78	18.78		
20	256QAM	100	0	18.88	18.85	18.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.54	19.61	19.50	20.3	0
15	QPSK	1	37	19.55	19.53	19.50		
15	QPSK	1	74	19.55	19.51	19.42		
15	QPSK	36	0	19.53	19.54	19.58	20.3	0
15	QPSK	36	20	19.52	19.46	19.52		
15	QPSK	36	39	19.45	19.41	19.46		
15	QPSK	75	0	19.47	19.41	19.43		
15	16QAM	1	0	19.45	19.51	19.44	20.3	0
15	16QAM	1	37	19.41	19.55	19.47		
15	16QAM	1	74	19.53	19.53	19.57		
15	16QAM	36	0	19.47	19.52	19.45	20.3	0
15	16QAM	36	20	19.44	19.46	19.42		
15	16QAM	36	39	19.50	19.40	19.50		
15	16QAM	75	0	19.56	19.51	19.47		
15	64QAM	1	0	19.47	19.58	19.39	20.3	0
15	64QAM	1	37	19.41	19.47	19.47		
15	64QAM	1	74	19.43	19.53	19.58		
15	64QAM	36	0	19.47	19.48	19.57	20.3	0
15	64QAM	36	20	19.53	19.55	19.47		
15	64QAM	36	39	19.50	19.54	19.47		
15	64QAM	75	0	19.53	19.59	19.50		
15	256QAM	1	0	19.10	18.90	19.03	19.8	0.5
15	256QAM	1	37	19.15	18.96	18.96		
15	256QAM	1	74	18.80	18.85	18.78		
15	256QAM	36	0	18.83	18.77	18.92	19.8	0.5
15	256QAM	36	20	18.79	18.78	18.71		
15	256QAM	36	39	18.75	18.74	18.75		
15	256QAM	75	0	18.84	18.82	18.71		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.54	19.60	19.56	20.3	0
10	QPSK	1	25	19.58	19.59	19.52		
10	QPSK	1	49	19.58	19.48	19.48		
10	QPSK	25	0	19.58	19.52	19.52	20.3	0
10	QPSK	25	12	19.44	19.54	19.49		
10	QPSK	25	25	19.42	19.45	19.49		
10	QPSK	50	0	19.43	19.38	19.46		
10	16QAM	1	0	19.40	19.42	19.37	20.3	0
10	16QAM	1	25	19.49	19.50	19.41		
10	16QAM	1	49	19.47	19.48	19.53		
10	16QAM	25	0	19.48	19.45	19.49	20.3	0
10	16QAM	25	12	19.47	19.50	19.42		
10	16QAM	25	25	19.51	19.43	19.52		
10	16QAM	50	0	19.50	19.52	19.48		
10	64QAM	1	0	19.39	19.55	19.41	20.3	0
10	64QAM	1	25	19.40	19.49	19.56		
10	64QAM	1	49	19.49	19.50	19.52		
10	64QAM	25	0	19.45	19.49	19.51	20.3	0
10	64QAM	25	12	19.52	19.49	19.47		
10	64QAM	25	25	19.47	19.58	19.51		
10	64QAM	50	0	19.50	19.50	19.53		
10	256QAM	1	0	19.06	18.93	19.13	19.8	0.5
10	256QAM	1	25	19.15	18.98	18.98		
10	256QAM	1	49	18.79	18.77	18.82		
10	256QAM	25	0	18.83	18.84	18.86	19.8	0.5
10	256QAM	25	12	18.78	18.74	18.61		
10	256QAM	25	25	18.68	18.67	18.76		
10	256QAM	50	0	18.78	18.74	18.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.49	19.53	19.53	20.3	0
5	QPSK	1	12	19.55	19.57	19.48		
5	QPSK	1	24	19.56	19.43	19.53		
5	QPSK	12	0	19.50	19.56	19.55	20.3	0
5	QPSK	12	7	19.44	19.53	19.52		
5	QPSK	12	13	19.41	19.40	19.49		
5	QPSK	25	0	19.51	19.43	19.40		
5	16QAM	1	0	19.42	19.42	19.42	20.3	0
5	16QAM	1	12	19.44	19.49	19.51		
5	16QAM	1	24	19.55	19.49	19.53		
5	16QAM	12	0	19.46	19.41	19.50	20.3	0
5	16QAM	12	7	19.44	19.47	19.43		
5	16QAM	12	13	19.48	19.39	19.43		
5	16QAM	25	0	19.56	19.50	19.46		
5	64QAM	1	0	19.46	19.50	19.46	20.3	0
5	64QAM	1	12	19.41	19.41	19.45		
5	64QAM	1	24	19.43	19.52	19.57		
5	64QAM	12	0	19.48	19.53	19.58	20.3	0
5	64QAM	12	7	19.58	19.56	19.47		
5	64QAM	12	13	19.49	19.56	19.48		
5	64QAM	25	0	19.56	19.55	19.53		
5	256QAM	1	0	19.05	18.89	19.11	19.8	0.5
5	256QAM	1	12	19.06	18.97	18.87		
5	256QAM	1	24	18.81	18.77	18.89		
5	256QAM	12	0	18.79	18.80	18.86	19.8	0.5
5	256QAM	12	7	18.82	18.78	18.63		
5	256QAM	12	13	18.68	18.70	18.72		
5	256QAM	25	0	18.77	18.80	18.74		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.51	19.57	19.57	20.3	0
3	QPSK	1	8	19.48	19.56	19.51		
3	QPSK	1	14	19.47	19.46	19.52		
3	QPSK	8	0	19.47	19.60	19.50	20.3	0
3	QPSK	8	4	19.51	19.51	19.54		
3	QPSK	8	7	19.42	19.48	19.46		
3	QPSK	15	0	19.43	19.44	19.46		
3	16QAM	1	0	19.44	19.53	19.37	20.3	0
3	16QAM	1	8	19.45	19.45	19.43		
3	16QAM	1	14	19.49	19.51	19.49		
3	16QAM	8	0	19.50	19.49	19.39	20.3	0
3	16QAM	8	4	19.49	19.44	19.51		
3	16QAM	8	7	19.55	19.45	19.45		
3	16QAM	15	0	19.51	19.52	19.53		
3	64QAM	1	0	19.39	19.56	19.48	20.3	0
3	64QAM	1	8	19.45	19.45	19.47		
3	64QAM	1	14	19.48	19.42	19.53		
3	64QAM	8	0	19.48	19.47	19.53	20.3	0
3	64QAM	8	4	19.51	19.55	19.49		
3	64QAM	8	7	19.52	19.49	19.48		
3	64QAM	15	0	19.45	19.51	19.43		
3	256QAM	1	0	19.09	18.98	19.09	19.8	0.5
3	256QAM	1	8	19.08	19.01	18.88		
3	256QAM	1	14	18.80	18.76	18.87		
3	256QAM	8	0	18.83	18.76	18.90	19.8	0.5
3	256QAM	8	4	18.79	18.80	18.64		
3	256QAM	8	7	18.66	18.72	18.65		
3	256QAM	15	0	18.83	18.72	18.70		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.56	19.55	19.55	20.3	0
1.4	QPSK	1	3	19.50	19.58	19.53		
1.4	QPSK	1	5	19.50	19.41	19.51		
1.4	QPSK	3	0	19.51	19.50	19.56		
1.4	QPSK	3	1	19.43	19.46	19.45		
1.4	QPSK	3	3	19.43	19.48	19.48		
1.4	QPSK	6	0	19.43	19.47	19.38	20.3	0
1.4	16QAM	1	0	19.49	19.49	19.37	20.3	0
1.4	16QAM	1	3	19.48	19.53	19.52		
1.4	16QAM	1	5	19.57	19.49	19.57		
1.4	16QAM	3	0	19.47	19.42	19.47		
1.4	16QAM	3	1	19.50	19.54	19.48		
1.4	16QAM	3	3	19.55	19.38	19.48		
1.4	16QAM	6	0	19.48	19.51	19.45	20.3	0
1.4	64QAM	1	0	19.48	19.50	19.45	20.3	0
1.4	64QAM	1	3	19.42	19.42	19.48		
1.4	64QAM	1	5	19.42	19.42	19.54		
1.4	64QAM	3	0	19.51	19.46	19.51		
1.4	64QAM	3	1	19.55	19.49	19.47		
1.4	64QAM	3	3	19.46	19.55	19.41		
1.4	64QAM	6	0	19.46	19.56	19.44	20.3	0
1.4	256QAM	1	0	19.01	18.88	19.13	19.8	0.5
1.4	256QAM	1	3	19.15	18.93	18.89		
1.4	256QAM	1	5	18.77	18.86	18.88		
1.4	256QAM	3	0	18.76	18.79	18.90		
1.4	256QAM	3	1	18.77	18.78	18.65		
1.4	256QAM	3	3	18.67	18.71	18.74		
1.4	256QAM	6	0	18.83	18.79	18.73	19.8	0.5

Band 71_ANT 0(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.87	22.95	22.82	24	0
20	QPSK	1	49	22.86	22.88	22.80		
20	QPSK	1	99	22.80	22.82	22.81		
20	QPSK	50	0	21.91	21.92	21.91	23	1
20	QPSK	50	24	21.89	21.89	21.89		
20	QPSK	50	50	21.80	21.81	21.80		
20	QPSK	100	0	21.86	21.90	21.88		
20	16QAM	1	0	22.04	22.06	22.10	23	1
20	16QAM	1	49	21.92	21.95	22.08		
20	16QAM	1	99	22.05	21.86	22.01		
20	16QAM	50	0	20.84	21.00	20.95	22	2
20	16QAM	50	24	20.98	20.87	20.87		
20	16QAM	50	50	20.94	20.86	20.83		
20	16QAM	100	0	20.95	20.93	20.87		
20	64QAM	1	0	20.95	21.06	21.00	22	2
20	64QAM	1	49	21.07	21.07	21.02		
20	64QAM	1	99	21.02	20.80	20.90		
20	64QAM	50	0	19.84	19.90	19.94	21	3
20	64QAM	50	24	19.93	19.91	19.77		
20	64QAM	50	50	19.89	19.89	19.88		
20	64QAM	100	0	19.94	19.97	19.89		
20	256QAM	1	0	18.05	18.00	18.07	19	5
20	256QAM	1	49	18.07	18.12	18.17		
20	256QAM	1	99	18.06	18.03	18.13		
20	256QAM	50	0	17.89	17.91	17.93	19	5
20	256QAM	50	24	17.91	17.92	17.90		
20	256QAM	50	50	18.00	17.90	17.98		
20	256QAM	100	0	17.97	17.99	17.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.81	22.85	22.86	24	0
15	QPSK	1	37	22.80	22.88	22.90		
15	QPSK	1	74	22.82	22.86	22.87		
15	QPSK	36	0	21.84	21.85	21.89	23	1
15	QPSK	36	20	21.89	21.87	21.85		
15	QPSK	36	39	21.86	21.90	21.88		
15	QPSK	75	0	21.90	21.86	21.90		
15	16QAM	1	0	21.91	22.01	21.91	23	1
15	16QAM	1	37	21.93	22.12	22.03		
15	16QAM	1	74	21.98	21.99	22.05		
15	16QAM	36	0	20.88	20.89	20.91	22	2
15	16QAM	36	20	20.89	20.88	20.88		
15	16QAM	36	39	20.92	20.93	20.92		
15	16QAM	75	0	20.87	20.92	20.91		
15	64QAM	1	0	20.88	21.06	20.94	22	2
15	64QAM	1	37	20.95	20.99	21.00		
15	64QAM	1	74	21.01	21.06	21.05		
15	64QAM	36	0	19.85	19.88	19.88	21	3
15	64QAM	36	20	19.88	19.89	19.91		
15	64QAM	36	39	19.86	19.85	19.92		
15	64QAM	75	0	19.93	19.91	19.86		
15	256QAM	1	0	18.02	18.11	18.02	19	5
15	256QAM	1	37	18.06	18.18	18.14		
15	256QAM	1	74	18.08	18.14	18.07		
15	256QAM	36	0	17.87	17.91	17.90	19	5
15	256QAM	36	20	17.90	17.88	17.96		
15	256QAM	36	39	17.99	18.02	17.88		
15	256QAM	75	0	17.99	17.94	18.03		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.94	22.91	22.93	24	0
10	QPSK	1	25	22.92	22.93	22.94		
10	QPSK	1	49	22.93	22.91	22.91		
10	QPSK	25	0	21.97	21.97	22.00	23	1
10	QPSK	25	12	22.06	22.05	21.98		
10	QPSK	25	25	22.02	22.02	22.01		
10	QPSK	50	0	21.98	21.99	21.96		
10	16QAM	1	0	22.14	22.11	22.09	23	1
10	16QAM	1	25	22.06	22.12	22.10		
10	16QAM	1	49	22.11	22.07	22.06		
10	16QAM	25	0	20.97	21.02	20.99	22	2
10	16QAM	25	12	21.04	21.06	21.00		
10	16QAM	25	25	21.01	21.08	21.05		
10	16QAM	50	0	21.00	21.04	21.01		
10	64QAM	1	0	21.03	21.09	21.08	22	2
10	64QAM	1	25	21.14	21.15	21.16		
10	64QAM	1	49	21.06	21.09	21.12		
10	64QAM	25	0	19.99	19.94	19.95	21	3
10	64QAM	25	12	20.03	20.00	19.98		
10	64QAM	25	25	19.95	19.98	20.00		
10	64QAM	50	0	19.98	20.01	19.97		
10	256QAM	1	0	18.02	18.03	17.96	19	5
10	256QAM	1	25	18.07	18.18	18.08		
10	256QAM	1	49	18.05	18.10	18.07		
10	256QAM	25	0	17.92	17.93	17.94	19	5
10	256QAM	25	12	17.92	17.87	17.90		
10	256QAM	25	25	17.96	17.98	17.93		
10	256QAM	50	0	17.95	17.86	18.01		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.89	22.87	22.90	24	0
5	QPSK	1	12	22.92	22.94	22.94		
5	QPSK	1	24	22.94	22.92	22.86		
5	QPSK	12	0	21.92	21.96	21.99	23	1
5	QPSK	12	7	22.03	22.08	22.04		
5	QPSK	12	13	22.01	21.99	22.03		
5	QPSK	25	0	21.96	22.00	21.98		
5	16QAM	1	0	22.12	22.10	22.14	23	1
5	16QAM	1	12	22.11	22.07	22.16		
5	16QAM	1	24	22.03	22.06	22.12		
5	16QAM	12	0	20.97	20.96	20.94	22	2
5	16QAM	12	7	21.04	21.08	21.09		
5	16QAM	12	13	21.00	21.01	21.04		
5	16QAM	25	0	20.98	21.02	21.04		
5	64QAM	1	0	21.11	21.09	21.06	22	2
5	64QAM	1	12	21.17	21.19	21.14		
5	64QAM	1	24	21.11	21.06	21.11		
5	64QAM	12	0	19.97	20.00	20.01	21	3
5	64QAM	12	7	20.01	20.03	20.04		
5	64QAM	12	13	19.99	20.02	20.03		
5	64QAM	25	0	20.01	19.98	20.02		
5	256QAM	1	0	18.06	18.11	18.03	19	5
5	256QAM	1	12	18.11	18.13	18.09		
5	256QAM	1	24	18.09	18.09	18.00		
5	256QAM	12	0	17.88	17.96	17.88	19	5
5	256QAM	12	7	17.94	17.87	17.93		
5	256QAM	12	13	17.99	18.02	17.89		
5	256QAM	25	0	17.98	17.87	17.96		

Band 38_ANT 2(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.98	20.81	20.80	21.8	0
20	QPSK	1	49	20.81	20.67	20.76		
20	QPSK	1	99	20.90	20.77	20.78		
20	QPSK	50	0	20.84	20.73	20.68	21.8	0
20	QPSK	50	24	20.68	20.48	20.60		
20	QPSK	50	50	20.79	20.55	20.62		
20	QPSK	100	0	20.76	20.66	20.62		
20	16QAM	1	0	20.73	20.25	20.63	21.8	0
20	16QAM	1	49	20.75	20.74	20.60		
20	16QAM	1	99	20.55	20.64	20.57		
20	16QAM	50	0	20.35	20.13	20.12	21.8	0
20	16QAM	50	24	20.46	20.15	20.30		
20	16QAM	50	50	20.41	20.32	20.25		
20	16QAM	100	0	20.45	20.20	20.15		
20	64QAM	1	0	20.33	20.30	20.34	21.8	0
20	64QAM	1	49	20.48	20.51	20.52		
20	64QAM	1	99	20.78	20.33	20.77		
20	64QAM	50	0	20.29	20.14	20.21	21.3	0.5
20	64QAM	50	24	20.48	20.16	20.23		
20	64QAM	50	50	20.40	20.19	20.23		
20	64QAM	100	0	20.38	20.07	20.20		
20	256QAM	1	0	18.58	18.57	18.56	19.3	2.5
20	256QAM	1	49	18.69	18.58	18.54		
20	256QAM	1	99	18.57	18.51	18.55		
20	256QAM	50	0	18.64	18.61	18.56	19.3	2.5
20	256QAM	50	24	18.73	18.60	18.57		
20	256QAM	50	50	18.63	18.62	18.60		
20	256QAM	100	0	18.67	18.55	18.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.64	20.34	20.76	21.8	0
15	QPSK	1	37	20.63	20.59	20.46		
15	QPSK	1	74	20.47	20.45	20.48		
15	QPSK	36	0	20.66	20.49	20.55	21.8	0
15	QPSK	36	20	20.60	20.55	20.68		
15	QPSK	36	39	20.60	20.54	20.55		
15	QPSK	75	0	20.64	20.49	20.54		
15	16QAM	1	0	20.52	20.62	20.64	21.8	0
15	16QAM	1	37	20.61	20.47	20.60		
15	16QAM	1	74	20.64	20.45	20.62		
15	16QAM	36	0	20.32	20.41	20.45	21.8	0
15	16QAM	36	20	20.42	20.04	20.48		
15	16QAM	36	39	20.44	20.42	20.41		
15	16QAM	75	0	20.43	20.44	20.48		
15	64QAM	1	0	20.40	20.61	20.40	21.8	0
15	64QAM	1	37	20.44	20.40	20.21		
15	64QAM	1	74	20.47	20.49	20.44		
15	64QAM	36	0	20.44	20.08	20.31	21.3	0.5
15	64QAM	36	20	20.58	20.16	20.26		
15	64QAM	36	39	20.50	20.20	20.25		
15	64QAM	75	0	20.40	20.15	20.22		
15	256QAM	1	0	18.53	18.53	18.51	19.3	2.5
15	256QAM	1	37	18.52	18.54	18.52		
15	256QAM	1	74	18.52	18.54	18.53		
15	256QAM	36	0	18.51	18.53	18.49	19.3	2.5
15	256QAM	36	20	18.55	18.56	18.57		
15	256QAM	36	39	18.57	18.57	18.55		
15	256QAM	75	0	18.51	18.53	18.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.68	20.55	20.61	21.8	0
10	QPSK	1	25	20.67	20.65	20.68		
10	QPSK	1	49	20.68	20.58	20.75		
10	QPSK	25	0	20.67	20.63	20.68	21.8	0
10	QPSK	25	12	20.44	20.67	20.68		
10	QPSK	25	25	20.41	20.76	20.77		
10	QPSK	50	0	20.41	20.62	20.74		
10	16QAM	1	0	20.77	20.63	20.49	21.8	0
10	16QAM	1	25	20.71	20.62	20.64		
10	16QAM	1	49	20.43	20.61	20.75		
10	16QAM	25	0	20.54	20.31	20.36	21.8	0
10	16QAM	25	12	20.58	20.49	20.36		
10	16QAM	25	25	20.65	20.37	20.39		
10	16QAM	50	0	20.63	20.48	20.38		
10	64QAM	1	0	20.37	20.37	20.44	21.8	0
10	64QAM	1	25	20.40	20.42	20.47		
10	64QAM	1	49	20.64	20.47	20.45		
10	64QAM	25	0	20.70	20.27	20.25	21.3	0.5
10	64QAM	25	12	20.65	20.25	20.28		
10	64QAM	25	25	20.59	20.31	20.36		
10	64QAM	50	0	20.62	20.12	20.34		
10	256QAM	1	0	18.71	18.67	18.63	19.3	2.5
10	256QAM	1	25	18.76	18.71	18.66		
10	256QAM	1	49	18.68	18.68	18.73		
10	256QAM	25	0	18.73	18.69	18.73	19.3	2.5
10	256QAM	25	12	18.68	18.63	18.61		
10	256QAM	25	25	18.67	18.67	18.70		
10	256QAM	50	0	18.71	18.66	18.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.66	20.66	20.63	21.8	0
5	QPSK	1	12	20.68	20.72	20.57		
5	QPSK	1	24	20.76	20.58	20.75		
5	QPSK	12	0	20.71	20.63	20.70	21.8	0
5	QPSK	12	7	20.42	20.66	20.79		
5	QPSK	12	13	20.63	20.72	20.71		
5	QPSK	25	0	20.65	20.62	20.73		
5	16QAM	1	0	20.61	20.39	20.46	21.8	0
5	16QAM	1	12	20.69	20.73	20.57		
5	16QAM	1	24	20.50	20.69	20.48		
5	16QAM	12	0	20.60	20.49	20.33	21.8	0
5	16QAM	12	7	20.64	20.36	20.40		
5	16QAM	12	13	20.51	20.31	20.35		
5	16QAM	25	0	20.60	20.42	20.48		
5	64QAM	1	0	20.41	20.47	20.36	21.8	0
5	64QAM	1	12	20.62	20.49	20.30		
5	64QAM	1	24	20.75	20.45	20.38		
5	64QAM	12	0	20.59	20.29	20.39	21.3	0.5
5	64QAM	12	7	20.59	20.43	20.41		
5	64QAM	12	13	20.53	20.22	20.28		
5	64QAM	25	0	20.56	20.27	20.33		
5	256QAM	1	0	18.64	18.60	18.60	19.3	2.5
5	256QAM	1	12	18.71	18.66	18.62		
5	256QAM	1	24	18.64	18.62	18.57		
5	256QAM	12	0	18.65	18.67	18.63	19.3	2.5
5	256QAM	12	7	18.61	18.60	18.58		
5	256QAM	12	13	18.60	18.62	18.61		
5	256QAM	25	0	18.61	18.66	18.64		

Band 41_ANT 2(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.03	21.07	21.04	20.92	20.88	21.8	0
20	QPSK	1	49	20.97	21.06	20.95	20.87	20.68		
20	QPSK	1	99	21.00	21.04	21.02	20.79	20.73		
20	QPSK	50	0	21.02	21.05	21.00	20.93	20.85	21.8	0
20	QPSK	50	24	21.00	21.03	20.94	20.87	20.74		
20	QPSK	50	50	21.01	21.02	20.99	20.91	20.77		
20	QPSK	100	0	20.99	21.04	20.92	20.84	20.80		
20	16QAM	1	0	20.92	20.99	20.85	20.98	20.87	21.8	0
20	16QAM	1	49	21.00	20.86	20.99	20.80	20.80		
20	16QAM	1	99	20.98	20.97	20.85	20.89	20.63		
20	16QAM	50	0	20.97	20.82	20.97	20.79	20.78	21.8	0
20	16QAM	50	24	20.99	20.81	20.98	20.63	20.75		
20	16QAM	50	50	20.85	21.00	20.83	20.53	20.80		
20	16QAM	100	0	20.83	20.99	20.96	20.57	20.74		
20	64QAM	1	0	20.69	20.95	20.88	20.80	20.73	21.8	0
20	64QAM	1	49	20.91	20.96	20.81	20.54	20.69		
20	64QAM	1	99	20.88	20.89	20.96	20.58	20.71		
20	64QAM	50	0	20.78	20.97	20.75	20.60	20.57	21.8	0
20	64QAM	50	24	20.88	20.88	20.77	20.50	20.56		
20	64QAM	50	50	20.83	20.84	20.81	20.53	20.59		
20	64QAM	100	0	20.81	20.84	20.76	20.55	20.54		
20	256QAM	1	0	18.67	18.65	18.65	18.62	18.49	19.8	2
20	256QAM	1	49	18.61	18.64	18.61	18.57	18.40		
20	256QAM	1	99	18.55	18.56	18.59	18.56	18.33		
20	256QAM	50	0	18.65	18.79	18.70	18.62	18.46	19.8	2
20	256QAM	50	24	18.71	18.81	18.65	18.62	18.39		
20	256QAM	50	50	18.66	18.74	18.65	18.61	18.43		
20	256QAM	100	0	18.70	18.79	18.63	18.59	18.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.82	20.89	20.99	20.76	20.93	21.8	0
15	QPSK	1	37	20.70	21.00	20.79	20.80	20.64		
15	QPSK	1	74	20.90	20.82	20.78	20.70	20.68		
15	QPSK	36	0	20.81	20.85	20.93	20.82	20.81	21.8	0
15	QPSK	36	20	20.87	20.89	20.81	20.84	20.78		
15	QPSK	36	39	20.81	20.87	20.96	20.88	20.77		
15	QPSK	75	0	20.88	20.80	20.87	20.87	20.73		
15	16QAM	1	0	20.87	20.81	20.84	20.93	20.87	21.8	0
15	16QAM	1	37	20.89	20.85	20.87	20.85	20.78		
15	16QAM	1	74	20.89	20.83	20.87	20.81	20.65		
15	16QAM	36	0	20.84	20.81	20.93	20.89	20.76	21.8	0
15	16QAM	36	20	20.95	20.85	20.82	20.83	20.73		
15	16QAM	36	39	20.80	20.87	20.88	20.96	20.80		
15	16QAM	75	0	20.96	20.85	20.84	20.87	20.81		
15	64QAM	1	0	20.89	20.81	20.72	20.69	20.62	21.8	0
15	64QAM	1	37	20.76	20.99	20.69	20.90	20.60		
15	64QAM	1	74	20.86	20.93	20.87	20.80	20.53		
15	64QAM	36	0	20.61	20.89	20.73	20.67	20.71	21.8	0
15	64QAM	36	20	20.86	20.81	20.77	20.61	20.69		
15	64QAM	36	39	20.85	20.86	20.81	20.46	20.65		
15	64QAM	75	0	20.75	20.86	20.77	20.46	20.67		
15	256QAM	1	0	18.61	18.58	18.62	18.66	18.60	19.8	2
15	256QAM	1	37	18.58	18.53	18.56	18.62	18.62		
15	256QAM	1	74	18.62	18.59	18.56	18.60	18.51		
15	256QAM	36	0	18.61	18.61	18.63	18.59	18.63	19.8	2
15	256QAM	36	20	18.49	18.59	18.52	18.59	18.45		
15	256QAM	36	39	18.57	18.56	18.53	18.55	18.60		
15	256QAM	75	0	18.49	18.47	18.51	18.54	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.81	20.89	20.84	20.73	20.89	21.8	0
10	QPSK	1	25	20.73	21.00	20.78	20.82	20.61		
10	QPSK	1	49	20.87	20.98	20.84	20.65	20.62		
10	QPSK	25	0	20.84	20.84	20.89	20.83	20.85	21.8	0
10	QPSK	25	12	20.86	20.85	20.86	20.87	20.78		
10	QPSK	25	25	20.86	20.87	20.96	20.94	20.71		
10	QPSK	50	0	20.82	20.84	20.86	20.81	20.67		
10	16QAM	1	0	20.84	20.86	20.81	20.92	20.91	21.8	0
10	16QAM	1	25	20.86	20.89	20.86	20.82	20.76		
10	16QAM	1	49	20.90	20.86	20.90	20.83	20.66		
10	16QAM	25	0	20.89	20.87	20.93	20.91	20.78	21.8	0
10	16QAM	25	12	20.90	20.89	20.88	20.80	20.68		
10	16QAM	25	25	20.81	20.86	20.87	20.91	20.85		
10	16QAM	50	0	20.93	20.81	20.82	20.90	20.87		
10	64QAM	1	0	20.87	20.96	20.68	20.74	20.62	21.8	0
10	64QAM	1	25	20.76	21.00	20.71	20.85	20.58		
10	64QAM	1	49	20.86	20.91	20.84	20.74	20.54		
10	64QAM	25	0	20.67	20.86	20.70	20.64	20.72	21.8	0
10	64QAM	25	12	20.83	20.89	20.80	20.61	20.66		
10	64QAM	25	25	20.85	21.00	20.87	20.57	20.59		
10	64QAM	50	0	20.76	20.81	20.77	20.51	20.63		
10	256QAM	1	0	18.61	18.60	18.67	18.68	18.64	19.8	2
10	256QAM	1	25	18.70	18.70	18.66	18.59	18.72		
10	256QAM	1	49	18.66	18.64	18.65	18.71	18.62		
10	256QAM	25	0	18.69	18.67	18.65	18.66	18.63	19.8	2
10	256QAM	25	12	18.76	18.68	18.70	18.73	18.68		
10	256QAM	25	25	18.54	18.55	18.61	18.58	18.59		
10	256QAM	50	0	18.61	18.62	18.67	18.72	18.61		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.86	20.85	20.80	20.67	20.84	21.8	0
5	QPSK	1	12	20.73	20.98	20.78	20.86	20.62		
5	QPSK	1	24	20.90	20.98	20.83	20.63	20.59		
5	QPSK	12	0	20.90	20.80	20.95	20.81	20.86	21.8	0
5	QPSK	12	7	20.89	20.80	20.90	20.92	20.79		
5	QPSK	12	13	20.85	20.83	21.00	20.90	20.74		
5	QPSK	25	0	20.87	20.84	20.80	20.79	20.61		
5	16QAM	1	0	20.88	20.82	20.87	20.88	20.91	21.8	0
5	16QAM	1	12	20.89	20.83	20.80	20.82	20.71		
5	16QAM	1	24	20.92	20.85	20.89	20.82	20.70		
5	16QAM	12	0	20.90	20.81	20.99	20.95	20.84	21.8	0
5	16QAM	12	7	20.89	20.83	20.92	20.85	20.73		
5	16QAM	12	13	20.78	20.83	20.84	20.86	20.88		
5	16QAM	25	0	20.89	20.80	20.87	20.84	20.89		
5	64QAM	1	0	20.84	20.95	20.66	20.76	20.64	21.8	0
5	64QAM	1	12	20.82	20.99	20.66	20.85	20.56		
5	64QAM	1	24	20.92	20.96	20.79	20.77	20.51		
5	64QAM	12	0	20.66	20.89	20.75	20.70	20.78	21.8	0
5	64QAM	12	7	20.83	20.80	20.84	20.57	20.66		
5	64QAM	12	13	20.83	20.94	20.82	20.51	20.56		
5	64QAM	25	0	20.81	20.80	20.75	20.57	20.65		
5	256QAM	1	0	18.71	18.76	18.74	18.81	18.73	19.8	2
5	256QAM	1	12	18.63	18.60	18.62	18.65	18.59		
5	256QAM	1	24	18.65	18.74	18.71	18.70	18.73		
5	256QAM	12	0	18.56	18.62	18.63	18.56	18.63	19.8	2
5	256QAM	12	7	18.67	18.67	18.63	18.60	18.65		
5	256QAM	12	13	18.74	18.67	18.70	18.75	18.77		
5	256QAM	25	0	18.80	18.75	18.74	18.78	18.77		

Band 41-HPUE_ANT 2(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.55	22.69	22.58	22.42	22.47	23.4	0
20	QPSK	1	49	22.45	22.66	22.42	22.35	22.30		
20	QPSK	1	99	22.49	22.65	22.56	22.40	22.31		
20	QPSK	50	0	22.62	22.66	22.57	22.50	22.44	23.4	0
20	QPSK	50	24	22.55	22.63	22.51	22.44	22.36		
20	QPSK	50	50	22.59	22.60	22.56	22.20	22.40		
20	QPSK	100	0	22.61	22.62	22.48	22.14	22.33		
20	16QAM	1	0	22.30	22.31	22.27	22.11	22.32	23.4	0
20	16QAM	1	49	22.39	22.34	22.25	22.29	22.32		
20	16QAM	1	99	22.19	22.27	22.22	22.39	22.37		
20	16QAM	50	0	21.99	22.27	22.31	22.00	22.38	23.4	0
20	16QAM	50	24	22.22	22.30	22.39	21.99	22.36		
20	16QAM	50	50	22.17	22.38	22.32	21.92	22.32		
20	16QAM	100	0	21.92	22.34	22.33	21.92	22.39		
20	64QAM	1	0	22.35	22.29	22.37	22.30	22.34	23.4	0
20	64QAM	1	49	22.18	22.35	22.38	21.88	22.31		
20	64QAM	1	99	22.35	22.38	22.38	22.03	22.36		
20	64QAM	50	0	21.98	22.37	22.39	22.20	22.36	23.4	0
20	64QAM	50	24	22.24	22.33	22.31	22.24	22.34		
20	64QAM	50	50	22.28	22.39	22.39	22.09	22.38		
20	64QAM	100	0	22.09	22.31	22.38	22.06	22.34		
20	256QAM	1	0	20.53	20.35	20.85	20.80	20.67	21.8	1.6
20	256QAM	1	49	20.77	20.20	20.81	20.48	20.58		
20	256QAM	1	99	20.72	20.80	20.73	20.52	20.51		
20	256QAM	50	0	20.70	20.86	20.71	20.62	20.52	21.8	1.6
20	256QAM	50	24	20.74	20.82	20.65	20.61	20.45		
20	256QAM	50	50	20.68	20.76	20.66	20.67	20.47		
20	256QAM	100	0	20.71	20.81	20.65	20.61	20.45		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.49	22.63	22.44	22.40	22.25	23.4	0
15	QPSK	1	37	22.37	22.45	22.28	22.17	22.18		
15	QPSK	1	74	22.37	22.44	22.52	22.22	22.14		
15	QPSK	36	0	22.55	22.64	22.54	22.33	22.23	23.4	0
15	QPSK	36	20	22.51	22.43	22.43	22.28	22.22		
15	QPSK	36	39	22.37	22.52	22.39	21.98	22.29		
15	QPSK	75	0	22.45	22.54	22.37	22.00	22.31		
15	16QAM	1	0	22.24	22.12	22.05	22.04	22.14	23.4	0
15	16QAM	1	37	22.27	22.14	22.14	22.09	22.19		
15	16QAM	1	74	22.05	22.24	22.04	22.18	22.28		
15	16QAM	36	0	21.93	22.20	22.18	21.95	22.18	23.4	0
15	16QAM	36	20	22.17	22.21	22.32	21.89	22.24		
15	16QAM	36	39	22.09	22.35	22.26	21.88	22.11		
15	16QAM	75	0	21.76	22.23	22.27	21.77	22.21		
15	64QAM	1	0	22.15	22.16	22.17	22.20	22.23	23.4	0
15	64QAM	1	37	22.09	22.25	22.25	21.75	22.13		
15	64QAM	1	74	22.24	22.22	22.30	21.85	22.21		
15	64QAM	36	0	21.90	22.19	22.37	22.01	22.27	23.4	0
15	64QAM	36	20	22.12	22.13	22.18	22.07	22.16		
15	64QAM	36	39	22.24	22.30	22.29	21.93	22.36		
15	64QAM	75	0	22.02	22.22	22.17	21.92	22.19		
15	256QAM	1	0	20.82	20.80	20.82	20.77	20.82	21.8	1.6
15	256QAM	1	37	20.64	20.67	20.71	20.77	20.78		
15	256QAM	1	74	20.77	20.82	20.76	20.77	20.79		
15	256QAM	36	0	20.81	20.82	20.79	20.74	20.83	21.8	1.6
15	256QAM	36	20	20.70	20.73	20.74	20.69	20.68		
15	256QAM	36	39	20.73	20.70	20.73	20.75	20.69		
15	256QAM	75	0	20.69	20.67	20.74	20.69	20.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.47	22.56	22.49	22.40	22.43	23.4	0
10	QPSK	1	25	22.32	22.60	22.39	22.16	22.26		
10	QPSK	1	49	22.28	22.47	22.41	22.24	22.12		
10	QPSK	25	0	22.56	22.53	22.45	22.39	22.41	23.4	0
10	QPSK	25	12	22.44	22.53	22.45	22.27	22.29		
10	QPSK	25	25	22.40	22.48	22.52	22.16	22.21		
10	QPSK	50	0	22.41	22.42	22.34	21.98	22.27		
10	16QAM	1	0	22.16	22.16	22.16	21.99	22.20	23.4	0
10	16QAM	1	25	22.26	22.29	22.16	22.12	22.18		
10	16QAM	1	49	22.15	22.14	22.04	22.30	22.34		
10	16QAM	25	0	21.89	22.20	22.18	21.81	22.20	23.4	0
10	16QAM	25	12	22.10	22.27	22.22	21.79	22.17		
10	16QAM	25	25	22.10	22.20	22.19	21.71	22.30		
10	16QAM	50	0	21.74	22.20	22.17	21.80	22.34		
10	64QAM	1	0	22.15	22.11	22.28	22.17	22.27	23.4	0
10	64QAM	1	25	22.13	22.23	22.36	21.72	22.14		
10	64QAM	1	49	22.25	22.28	22.17	21.84	22.34		
10	64QAM	25	0	21.96	22.32	22.35	22.12	22.26	23.4	0
10	64QAM	25	12	22.17	22.13	22.23	22.07	22.28		
10	64QAM	25	25	22.16	22.19	22.27	22.01	22.20		
10	64QAM	50	0	21.98	22.14	22.30	21.86	22.32		
10	256QAM	1	0	20.96	20.82	20.89	20.84	20.88	21.8	1.6
10	256QAM	1	25	20.78	20.77	20.83	20.90	20.84		
10	256QAM	1	49	20.90	20.88	20.86	20.89	20.81		
10	256QAM	25	0	20.74	20.76	20.80	20.77	20.83	21.8	1.6
10	256QAM	25	12	20.89	20.86	20.84	20.87	20.79		
10	256QAM	25	25	20.83	20.85	20.86	20.80	20.79		
10	256QAM	50	0	20.84	20.92	20.86	20.89	20.85		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.45	22.64	22.48	22.23	22.26	23.4	0
5	QPSK	1	12	22.38	22.48	22.34	22.28	22.13		
5	QPSK	1	24	22.47	22.52	22.47	22.18	22.29		
5	QPSK	12	0	22.43	22.58	22.48	22.30	22.30	23.4	0
5	QPSK	12	7	22.49	22.48	22.44	22.29	22.18		
5	QPSK	12	13	22.45	22.41	22.38	21.99	22.25		
5	QPSK	25	0	22.43	22.49	22.39	22.11	22.13		
5	16QAM	1	0	22.23	22.12	22.06	22.04	22.19	23.4	0
5	16QAM	1	12	22.29	22.27	22.04	22.07	22.14		
5	16QAM	1	24	22.05	22.12	22.19	22.17	22.15		
5	16QAM	12	0	21.94	22.05	22.12	21.81	22.24	23.4	0
5	16QAM	12	7	22.01	22.13	22.29	21.85	22.21		
5	16QAM	12	13	22.14	22.32	22.22	21.85	22.19		
5	16QAM	25	0	21.77	22.31	22.16	21.90	22.28		
5	64QAM	1	0	22.17	22.16	22.15	22.19	22.28	23.4	0
5	64QAM	1	12	22.02	22.29	22.29	21.86	22.28		
5	64QAM	1	24	22.27	22.17	22.36	21.89	22.30		
5	64QAM	12	0	21.82	22.15	22.33	22.17	22.22	23.4	0
5	64QAM	12	7	22.18	22.16	22.27	22.16	22.25		
5	64QAM	12	13	22.21	22.24	22.21	21.87	22.26		
5	64QAM	25	0	21.88	22.25	22.28	21.86	22.15		
5	256QAM	1	0	20.95	21.00	20.93	20.89	20.94	21.8	1.6
5	256QAM	1	12	20.93	20.91	20.94	20.92	20.87		
5	256QAM	1	24	20.90	20.92	20.90	20.95	20.87		
5	256QAM	12	0	20.82	20.86	20.88	20.86	20.83	21.8	1.6
5	256QAM	12	7	20.80	20.78	20.82	20.81	20.86		
5	256QAM	12	13	20.88	20.84	20.85	20.86	20.92		
5	256QAM	25	0	20.75	20.74	20.80	20.75	20.77		

Band 48_ANT 5(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3580	3609	3641	3690		
20	QPSK	1	0	16.88	16.99	16.95	16.96	17.5	0
20	QPSK	1	49	16.71	16.82	16.75	16.77		
20	QPSK	1	99	16.65	16.76	16.75	16.79		
20	QPSK	50	0	16.93	16.95	16.93	16.91	17.5	0
20	QPSK	50	24	16.92	16.94	16.88	16.90		
20	QPSK	50	50	16.81	16.82	16.79	16.81		
20	QPSK	100	0	16.86	16.94	16.85	16.88		
20	16QAM	1	0	16.79	16.65	16.69	16.89	17.5	0
20	16QAM	1	49	16.95	16.80	16.79	16.89		
20	16QAM	1	99	16.67	16.70	16.81	16.75		
20	16QAM	50	0	16.78	16.65	16.62	16.78	17.5	0
20	16QAM	50	24	16.73	16.65	16.71	16.78		
20	16QAM	50	50	16.73	16.59	16.62	16.76		
20	16QAM	100	0	16.74	16.59	16.65	16.79		
20	64QAM	1	0	16.77	16.62	16.56	16.68	17.5	0
20	64QAM	1	49	16.73	16.66	16.60	16.78		
20	64QAM	1	99	16.84	16.65	16.65	16.74		
20	64QAM	50	0	16.83	16.82	16.69	16.79	17.5	0
20	64QAM	50	24	16.83	16.88	16.73	16.83		
20	64QAM	50	50	16.82	16.74	16.74	16.74		
20	64QAM	100	0	16.88	16.79	16.78	16.81		
20	256QAM	1	0	16.65	16.64	16.53	16.60	17.5	0
20	256QAM	1	49	16.59	16.57	16.58	16.63		
20	256QAM	1	99	16.63	16.55	16.43	16.66		
20	256QAM	50	0	16.64	16.65	16.63	16.69	17.5	0
20	256QAM	50	24	16.75	16.73	16.65	16.73		
20	256QAM	50	50	16.62	16.70	16.48	16.71		
20	256QAM	100	0	16.63	16.67	16.60	16.72		
Channel				55315	55820	56160	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.84	16.89	16.93	16.90	17.5	0
15	QPSK	1	37	16.67	16.80	16.73	16.75		
15	QPSK	1	74	16.56	16.68	16.65	16.72		
15	QPSK	36	0	16.90	16.91	16.87	16.84	17.5	0
15	QPSK	36	20	16.82	16.89	16.76	16.80		
15	QPSK	36	39	16.73	16.74	16.67	16.77		
15	QPSK	75	0	16.79	16.87	16.78	16.78		
15	16QAM	1	0	16.73	16.53	16.59	16.84	17.5	0
15	16QAM	1	37	16.87	16.78	16.68	16.80		
15	16QAM	1	74	16.59	16.68	16.77	16.63		
15	16QAM	36	0	16.69	16.58	16.51	16.69	17.5	0
15	16QAM	36	20	16.66	16.58	16.68	16.74		
15	16QAM	36	39	16.69	16.54	16.53	16.66		
15	16QAM	75	0	16.66	16.52	16.58	16.72		
15	64QAM	1	0	16.66	16.54	16.52	16.63	17.5	0
15	64QAM	1	37	16.65	16.55	16.53	16.66		
15	64QAM	1	74	16.73	16.60	16.58	16.64		
15	64QAM	36	0	16.78	16.70	16.62	16.68	17.5	0
15	64QAM	36	20	16.75	16.86	16.67	16.72		
15	64QAM	36	39	16.71	16.66	16.65	16.63		
15	64QAM	75	0	16.79	16.68	16.75	16.69		
15	256QAM	1	0	16.53	16.62	16.50	16.50	17.5	0
15	256QAM	1	37	16.47	16.46	16.50	16.60		
15	256QAM	1	74	16.59	16.50	16.35	16.60		
15	256QAM	36	0	16.62	16.61	16.58	16.67	17.5	0
15	256QAM	36	20	16.64	16.63	16.58	16.66		
15	256QAM	36	39	16.53	16.61	16.40	16.67		
15	256QAM	75	0	16.54	16.58	16.58	16.62		
Channel				55205	55815	56160	56695	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.80	16.93	16.86	16.91	17.5	0
10	QPSK	1	25	16.65	16.80	16.66	16.73		
10	QPSK	1	49	16.59	16.70	16.68	16.74		
10	QPSK	25	0	16.87	16.85	16.87	16.80	17.5	0
10	QPSK	25	12	16.82	16.86	16.82	16.78		
10	QPSK	25	25	16.74	16.77	16.69	16.73		
10	QPSK	50	0	16.78	16.85	16.83	16.81		
10	16QAM	1	0	16.76	16.58	16.63	16.77	17.5	0
10	16QAM	1	25	16.87	16.69	16.75	16.83		
10	16QAM	1	49	16.56	16.58	16.72	16.65		
10	16QAM	25	0	16.74	16.57	16.60	16.69	17.5	0
10	16QAM	25	12	16.69	16.57	16.61	16.68		
10	16QAM	25	25	16.70	16.55	16.55	16.64		
10	16QAM	50	0	16.64	16.53	16.61	16.70		
10	64QAM	1	0	16.72	16.58	16.50	16.56	17.5	0
10	64QAM	1	25	16.68	16.62	16.53	16.75		
10	64QAM	1	49	16.74	16.54	16.58	16.62		
10	64QAM	25	0	16.73	16.74	16.63	16.76	17.5	0
10	64QAM	25	12	16.73	16.84	16.61	16.72		
10	64QAM	25	25	16.75	16.62	16.70	16.66		
10	64QAM	50	0	16.80	16.74	16.70	16.73		
10	256QAM	1	0	16.60	16.55	16.43	16.51	17.5	0
10	256QAM	1	25	16.52	16.52	16.49	16.55		
10	256QAM	1	49	16.59	16.53	16.35	16.59		
10	256QAM	25	0	16.59	16.54	16.54	16.57	17.5	0
10	256QAM	25	12	16.65	16.67	16.61	16.69		
10	256QAM	25	25	16.60	16.60	16.38	16.63		
10	256QAM	50	0	16.53	16.62	16.56	16.63		
Channel				55205	55815	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.77	16.90	16.92	16.94	17.5	0
5	QPSK	1	12	16.66	16.79	16.69	16.71		
5	QPSK	1	24	16.62	16.70	16.70	16.76		
5	QPSK	12	0	16.82	16.89	16.81	16.82	17.5	0
5	QPSK	12	7	16.88	16.92	16.78	16.79		
5	QPSK	12	13	16.71	16.73	16.77	16.72		
5	QPSK	25	0	16.79	16.85	16.79	16.82		
5	16QAM	1	0	16.68	16.55	16.65	16.82	17.5	0
5	16QAM	1	12	16.89	16.74	16.77	16.88		
5	16QAM	1	24	16.59	16.58	16.71	16.72		
5	16QAM	12	0	16.69	16.57	16.58	16.75	17.5	0
5	16QAM	12	7	16.66	16.57	16.61	16.73		
5	16QAM	12	13	16.69	16.56	16.55	16.70		
5	16QAM	25	0	16.65	16.54	16.55	16.76		
5	64QAM	1	0	16.73	16.58	16.54	16.56	17.5	0
5	64QAM	1	12	16.69	16.54	16.54	16.71		
5	64QAM	1	24	16.82	16.60	16.59	16.67		
5	64QAM	12	0	16.81	16.78	16.67	16.70	17.5	0
5	64QAM	12	7	16.79	16.84	16.66	16.81		
5	64QAM	12	13	16.71	16.67	16.70	16.62		
5	64QAM	25	0	16.80	16.67	16.66	16.76		
5	256QAM	1	0	16.59	16.59	16.49	16.53	17.5	0
5	256QAM	1	12	16.51	16.54	16.51	16.61		
5	256QAM	1	24	16.54	16.43	16.40	16.61		
5	256QAM	12	0	16.57	16.63	16.59	16.59	17.5	0
5	256QAM	12	7	16.72	16.70	16.58	16.65		
5	256QAM	12	13	16.57	16.60	16.36	16.59		
5	256QAM	25	0	16.54	16.55	16.58	16.60		

Band 48_ANT 10(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3580	3609	3641	3690		
20	QPSK	1	0	16.46	16.49	16.39	16.42	17.3	0
20	QPSK	1	49	16.38	16.34	16.35	16.36		
20	QPSK	1	99	16.34	16.32	16.31	16.35		
20	QPSK	50	0	16.37	16.41	16.40	16.35	17.3	0
20	QPSK	50	24	16.32	16.36	16.38	16.34		
20	QPSK	50	50	16.32	16.31	16.30	16.33		
20	QPSK	100	0	16.38	16.40	16.36	16.30		
20	16QAM	1	0	16.19	16.01	16.13	15.93	17.3	0
20	16QAM	1	49	16.33	15.91	15.96	15.90		
20	16QAM	1	99	16.08	16.18	16.01	15.97		
20	16QAM	50	0	16.19	16.29	15.95	15.87	17.3	0
20	16QAM	50	24	15.88	16.22	15.92	15.97		
20	16QAM	50	50	16.04	16.15	15.90	16.01		
20	16QAM	100	0	16.00	16.25	15.93	16.19		
20	64QAM	1	0	16.14	16.10	15.83	15.93	17.3	0
20	64QAM	1	49	16.14	16.00	16.05	15.86		
20	64QAM	1	99	16.04	16.06	15.91	15.95		
20	64QAM	50	0	16.01	16.06	15.83	15.76	17.3	0
20	64QAM	50	24	16.13	16.05	15.78	16.27		
20	64QAM	50	50	15.80	16.13	15.78	15.99		
20	64QAM	100	0	15.95	16.15	16.17	16.05		
20	256QAM	1	0	16.15	16.26	15.98	16.09	17.3	0
20	256QAM	1	49	16.09	16.02	16.07	15.83		
20	256QAM	1	99	16.29	16.30	16.04	15.89		
20	256QAM	50	0	16.27	16.14	15.95	15.92	17.3	0
20	256QAM	50	24	16.06	16.05	16.10	15.92		
20	256QAM	50	50	16.09	16.12	15.96	16.07		
20	256QAM	100	0	16.10	16.01	16.26	15.85		
Channel				55315	55820	56160	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.15	16.14	16.12	16.02	17.3	0
15	QPSK	1	37	16.35	15.90	15.99	15.90		
15	QPSK	1	74	15.95	16.05	16.02	15.83		
15	QPSK	36	0	16.26	16.29	15.92	16.01	17.3	0
15	QPSK	36	20	15.95	16.19	15.79	15.96		
15	QPSK	36	39	16.04	16.24	15.89	15.94		
15	QPSK	75	0	16.08	16.20	15.96	16.14		
15	16QAM	1	0	16.05	16.10	15.99	15.95	17.3	0
15	16QAM	1	37	16.14	16.13	15.95	15.81		
15	16QAM	1	74	16.06	15.92	16.00	15.99		
15	16QAM	36	0	16.12	16.04	15.83	15.66	17.3	0
15	16QAM	36	20	16.07	15.93	15.96	16.25		
15	16QAM	36	39	15.92	16.16	15.87	15.93		
15	16QAM	75	0	16.05	16.26	16.04	16.15		
15	64QAM	1	0	16.22	16.14	16.08	16.06	17.3	0
15	64QAM	1	37	16.15	16.14	15.99	15.80		
15	64QAM	1	74	16.31	16.24	16.06	15.89		
15	64QAM	36	0	16.18	16.28	15.94	15.98	17.3	0
15	64QAM	36	20	16.25	16.05	16.01	15.87		
15	64QAM	36	39	16.13	16.26	15.97	16.10		
15	64QAM	75	0	16.17	16.14	16.19	15.90		
15	256QAM	1	0	16.25	16.23	16.13	16.11	17.3	0
15	256QAM	1	37	16.01	16.10	15.97	15.78		
15	256QAM	1	74	16.16	16.19	16.15	15.91		
15	256QAM	36	0	16.19	16.22	15.91	15.98	17.3	0
15	256QAM	36	20	16.25	16.11	16.01	15.88		
15	256QAM	36	39	16.19	16.25	15.92	16.12		
15	256QAM	75	0	16.15	16.15	16.21	15.82		
Channel				55205	55815	56160	56695	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.23	16.01	15.93	15.98	17.3	0
10	QPSK	1	25	16.35	15.94	16.04	15.85		
10	QPSK	1	49	15.93	16.11	16.16	15.78		
10	QPSK	25	0	16.25	16.18	15.87	15.82	17.3	0
10	QPSK	25	12	15.91	16.11	15.97	15.92		
10	QPSK	25	25	16.08	16.20	15.81	16.12		
10	QPSK	50	0	16.02	16.24	15.86	16.10		
10	16QAM	1	0	16.14	16.02	15.91	15.86	17.3	0
10	16QAM	1	25	16.13	16.02	16.00	15.80		
10	16QAM	1	49	16.22	16.05	16.00	16.01		
10	16QAM	25	0	16.04	16.14	15.87	15.65	17.3	0
10	16QAM	25	12	16.15	16.13	15.98	16.10		
10	16QAM	25	25	15.91	16.11	15.80	15.93		
10	16QAM	50	0	15.97	16.19	16.14	15.99		
10	64QAM	1	0	16.05	16.30	16.09	16.25	17.3	0
10	64QAM	1	25	16.18	16.21	16.03	15.85		
10	64QAM	1	49	16.26	16.24	16.08	16.05		
10	64QAM	25	0	16.20	16.14	15.83	16.10	17.3	0
10	64QAM	25	12	16.12	16.08	16.06	15.96		
10	64QAM	25	25	16.13	16.22	16.11	16.01		
10	64QAM	50	0	16.09	16.12	16.09	15.80		
10	256QAM	1	0	16.05	16.29	16.09	16.23	17.3	0
10	256QAM	1	25	16.16	16.08	16.05	15.78		
10	256QAM	1	49	16.23	16.18	16.19	16.04		
10	256QAM	25	0	16.33	16.20	15.89	15.92	17.3	0
10	256QAM	25	12	16.23	15.99	16.17	15.98		
10	256QAM	25	25	16.13	16.28	16.09	16.01		
10	256QAM	50	0	16.01	16.16	16.07	15.84		
Channel				55205	55815	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.09	16.05	15.94	16.05	17.3	0
5	QPSK	1	12	16.32	15.92	16.03	15.94		
5	QPSK	1	24	15.93	16.18	16.05	15.77		
5	QPSK	12	0	16.18	16.13	15.99	15.94	17.3	0
5	QPSK	12	7	15.98	16.13	15.86	15.87		
5	QPSK	12	13	16.17	16.12	15.86	16.10		
5	QPSK	25	0	16.11	16.25	15.93	16.04		
5	16QAM	1	0	16.12	16.09	16.03	15.96	17.3	0
5	16QAM	1	12	16.14	16.02	16.05	15.77		
5	16QAM	1	24	16.12	15.94	15.85	15.90		
5	16QAM	12	0	16.06	15.99	15.86	15.80	17.3	0
5	16QAM	12	7	16.12	16.06	15.96	16.11		
5	16QAM	12	13	15.94	16.17	15.94	15.90		
5	16QAM	25	0	15.92	16.15	16.17	16.00		
5	64QAM	1	0	16.10	16.25	16.03	16.26	17.3	0
5	64QAM	1	12	16.16	16.11	16.11	15.86		
5	64QAM	1	24	16.13	16.26	16.15	16.07		
5	64QAM	12	0	16.13	16.09	15.94	15.98	17.3	0
5	64QAM	12	7	16.14	16.13	16.14	16.00		
5	64QAM	12	13	16.08	16.20	15.99	16.06		
5	64QAM	25	0	16.17	16.15	16.25	15.93		
5	256QAM	1	0	16.06	16.28	16.04	16.15	17.3	0
5	256QAM	1	12	16.02	16.13	15.95	15.79		
5	256QAM	1	24	16.24	16.30	16.06	15.89		
5	256QAM	12	0	16.33	16.11	15.86	16.01	17.3	0
5	256QAM	12	7	16.16	15.97	16.04	15.93		
5	256QAM	12	13	16.09	16.13	15.91	16.15		
5	256QAM	25	0	16.06	16.02	16.10	15.93		

Band 38_ANT 2(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.97	19.86	19.84		
20	QPSK	1	49	19.83	19.77	19.56	20.8	0
20	QPSK	1	99	19.92	19.50	19.73		
20	QPSK	50	0	19.95	19.82	19.76		
20	QPSK	50	24	19.90	19.62	19.68	20.8	0
20	QPSK	50	50	19.89	19.56	19.72		
20	QPSK	100	0	19.89	19.72	19.65		
20	16QAM	1	0	19.67	19.58	19.83		
20	16QAM	1	49	19.36	19.59	19.90	20.8	0
20	16QAM	1	99	19.69	19.30	19.68		
20	16QAM	50	0	19.87	19.59	19.70		
20	16QAM	50	24	19.91	19.74	19.71	20.8	0
20	16QAM	50	50	19.94	19.61	19.73		
20	16QAM	100	0	19.93	19.68	19.73		
20	64QAM	1	0	19.66	19.21	19.60		
20	64QAM	1	49	19.93	19.47	19.23	20.8	0
20	64QAM	1	99	19.49	19.58	19.55		
20	64QAM	50	0	19.84	19.63	19.59		
20	64QAM	50	24	19.54	19.64	19.79	20.8	0
20	64QAM	50	50	19.90	19.71	19.75		
20	64QAM	100	0	19.87	19.64	19.69		
20	256QAM	1	0	18.58	18.57	18.56		
20	256QAM	1	49	18.69	18.58	18.54	19.3	1.5
20	256QAM	1	99	18.57	18.51	18.55		
20	256QAM	50	0	18.64	18.61	18.56		
20	256QAM	50	24	18.73	18.60	18.57	19.3	1.5
20	256QAM	50	50	18.63	18.62	18.60		
20	256QAM	100	0	18.67	18.55	18.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.76	19.79	19.71		
15	QPSK	1	37	19.61	19.75	19.37	20.8	0
15	QPSK	1	74	19.71	19.40	19.52		
15	QPSK	36	0	19.93	19.65	19.68		
15	QPSK	36	20	19.85	19.59	19.61	20.8	0
15	QPSK	36	39	19.70	19.36	19.67		
15	QPSK	75	0	19.69	19.53	19.47		
15	16QAM	1	0	19.45	19.50	19.68		
15	16QAM	1	37	19.20	19.50	19.75	20.8	0
15	16QAM	1	74	19.48	19.21	19.57		
15	16QAM	36	0	19.68	19.42	19.61		
15	16QAM	36	20	19.85	19.52	19.60	20.8	0
15	16QAM	36	39	19.73	19.56	19.56		
15	16QAM	75	0	19.77	19.51	19.70		
15	64QAM	1	0	19.58	19.16	19.48		
15	64QAM	1	37	19.82	19.27	19.11	20.8	0
15	64QAM	1	74	19.27	19.46	19.33		
15	64QAM	36	0	19.72	19.49	19.44		
15	64QAM	36	20	19.91	19.48	19.65	20.8	0
15	64QAM	36	39	19.77	19.69	19.58		
15	64QAM	75	0	19.80	19.47	19.53		
15	256QAM	1	0	18.53	18.53	18.51		
15	256QAM	1	37	18.52	18.54	18.52	19.3	1.5
15	256QAM	1	74	18.52	18.54	18.53		
15	256QAM	36	0	18.51	18.53	18.49		
15	256QAM	36	20	18.55	18.56	18.57	19.3	1.5
15	256QAM	36	39	18.57	18.57	18.55		
15	256QAM	75	0	18.51	18.53	18.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.88	19.64	19.77		
10	QPSK	1	25	19.67	19.59	19.47	20.8	0
10	QPSK	1	49	19.89	19.41	19.52		
10	QPSK	25	0	19.83	19.67	19.71		
10	QPSK	25	12	19.76	19.58	19.53	20.8	0
10	QPSK	25	25	19.70	19.39	19.53		
10	QPSK	50	0	19.69	19.67	19.61		
10	16QAM	1	0	19.52	19.41	19.71		
10	16QAM	1	25	19.32	19.56	19.72	20.8	0
10	16QAM	1	49	19.67	19.17	19.65		
10	16QAM	25	0	19.65	19.37	19.51		
10	16QAM	25	12	19.76	19.63	19.67	20.8	0
10	16QAM	25	25	19.75	19.44	19.53		
10	16QAM	50	0	19.77	19.46	19.53		
10	64QAM	1	0	19.63	19.09	19.42		
10	64QAM	1	25	19.77	19.29	19.15	20.8	0
10	64QAM	1	49	19.35	19.49	19.46		
10	64QAM	25	0	19.62	19.59	19.49		
10	64QAM	25	12	19.85	19.51	19.59	20.8	0
10	64QAM	25	25	19.80	19.54	19.68		
10	64QAM	50	0	19.85	19.46	19.51		
10	256QAM	1	0	18.71	18.67	18.63		
10	256QAM	1	25	18.76	18.71	18.66	19.3	1.5
10	256QAM	1	49	18.68	18.68	18.73		
10	256QAM	25	0	18.73	18.69	18.73		
10	256QAM	25	12	18.68	18.63	18.61	19.3	1.5
10	256QAM	25	25	18.67	18.67	18.70		
10	256QAM	50	0	18.71	18.66	18.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.76	19.65	19.64		
5	QPSK	1	12	19.81	19.61	19.52	20.8	0
5	QPSK	1	24	19.80	19.46	19.66		
5	QPSK	12	0	19.83	19.73	19.73		
5	QPSK	12	7	19.80	19.52	19.49	20.8	0
5	QPSK	12	13	19.69	19.53	19.51		
5	QPSK	25	0	19.77	19.66	19.44		
5	16QAM	1	0	19.53	19.36	19.78		
5	16QAM	1	12	19.16	19.40	19.75	20.8	0
5	16QAM	1	24	19.52	19.10	19.57		
5	16QAM	12	0	19.84	19.57	19.50		
5	16QAM	12	7	19.81	19.53	19.51	20.8	0
5	16QAM	12	13	19.73	19.49	19.70		
5	16QAM	25	0	19.72	19.61	19.59		
5	64QAM	1	0	19.62	19.07	19.39		
5	64QAM	1	12	19.83	19.28	19.19	20.8	0
5	64QAM	1	24	19.46	19.46	19.34		
5	64QAM	12	0	19.71	19.51	19.47		
5	64QAM	12	7	19.83	19.49	19.58	20.8	0
5	64QAM	12	13	19.83	19.65	19.68		
5	64QAM	25	0	19.67	19.42	19.65		
5	256QAM	1	0	18.64	18.60	18.60		
5	256QAM	1	12	18.71	18.66	18.62	19.3	1.5
5	256QAM	1	24	18.64	18.62	18.57		
5	256QAM	12	0	18.65	18.67	18.63		
5	256QAM	12	7	18.61	18.60	18.58	19.3	1.5
5	256QAM	12	13	18.60	18.62	18.61		
5	256QAM	25	0	18.61	18.66	18.64		

Band 41_ANT 2(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.78	20.09	19.86	19.73	19.70		
20	QPSK	1	49	19.71	19.94	19.64	19.66	19.52	20.8	0
20	QPSK	1	99	19.64	19.87	19.70	19.61	19.54		
20	QPSK	50	0	19.77	20.04	19.80	19.69	19.67		
20	QPSK	50	24	19.69	19.91	19.70	19.67	19.55	20.8	0
20	QPSK	50	50	19.74	19.99	19.79	19.68	19.59		
20	QPSK	100	0	19.76	20.02	19.69	19.63	19.53		
20	16QAM	1	0	19.78	19.91	19.85	19.72	19.72		
20	16QAM	1	49	19.74	20.08	19.92	19.67	19.61	20.8	0
20	16QAM	1	99	19.74	19.91	19.81	19.63	19.52		
20	16QAM	50	0	19.72	19.92	19.71	19.69	19.52		
20	16QAM	50	24	19.80	20.03	19.69	19.66	19.52	20.8	0
20	16QAM	50	50	19.79	19.97	19.77	19.72	19.56		
20	16QAM	100	0	19.78	19.99	19.68	19.64	19.50		
20	64QAM	1	0	19.47	19.73	19.64	19.57	19.46		
20	64QAM	1	49	19.64	19.95	19.62	19.51	19.51	20.8	0
20	64QAM	1	99	19.59	19.72	19.61	19.51	19.46		
20	64QAM	50	0	19.73	19.92	19.71	19.66	19.54		
20	64QAM	50	24	19.81	20.01	19.70	19.67	19.51	20.8	0
20	64QAM	50	50	19.77	20.00	19.75	19.71	19.56		
20	64QAM	100	0	19.78	20.00	19.68	19.64	19.52		
20	256QAM	1	0	18.67	18.65	18.65	18.62	18.49		
20	256QAM	1	49	18.61	18.64	18.61	18.57	18.40	19.8	1
20	256QAM	1	99	18.55	18.56	18.59	18.56	18.33		
20	256QAM	50	0	18.65	18.79	18.70	18.62	18.46		
20	256QAM	50	24	18.71	18.81	18.65	18.62	18.39	19.8	1
20	256QAM	50	50	18.66	18.74	18.65	18.61	18.43		
20	256QAM	100	0	18.70	18.79	18.63	18.59	18.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.58	19.88	19.67	19.66	19.51		
15	QPSK	1	37	19.54	19.88	19.54	19.61	19.44	20.80	0
15	QPSK	1	74	19.43	19.66	19.68	19.53	19.39		
15	QPSK	36	0	19.56	19.91	19.58	19.66	19.50		
15	QPSK	36	20	19.52	19.84	19.54	19.64	19.47	20.8	0
15	QPSK	36	39	19.68	19.85	19.66	19.58	19.41		
15	QPSK	75	0	19.71	19.92	19.55	19.50	19.42		
15	16QAM	1	0	19.74	19.87	19.72	19.66	19.66		
15	16QAM	1	37	19.54	20.01	19.75	19.59	19.44	20.8	0
15	16QAM	1	74	19.64	19.86	19.75	19.54	19.48		
15	16QAM	36	0	19.58	19.90	19.55	19.51	19.49		
15	16QAM	36	20	19.65	19.99	19.62	19.64	19.42	20.8	0
15	16QAM	36	39	19.75	19.80	19.67	19.54	19.41		
15	16QAM	75	0	19.58	19.86	19.60	19.52	19.32		
15	64QAM	1	0	19.27	19.61	19.46	19.51	19.34		
15	64QAM	1	37	19.52	19.90	19.42	19.47	19.48	20.8	0
15	64QAM	1	74	19.48	19.55	19.46	19.40	19.35		
15	64QAM	36	0	19.62	19.90	19.62	19.44	19.45		
15	64QAM	36	20	19.61	19.86	19.55	19.59	19.47	20.8	0
15	64QAM	36	39	19.62	19.90	19.56	19.53	19.42		
15	64QAM	75	0	19.58	19.85	19.59	19.47	19.32		
15	256QAM	1	0	18.61	18.58	18.62	18.66	18.60		
15	256QAM	1	37	18.58	18.53	18.56	18.62	18.62	19.8	1
15	256QAM	1	74	18.62	18.59	18.56	18.60	18.51		
15	256QAM	36	0	18.61	18.61	18.63	18.59	18.63		
15	256QAM	36	20	18.49	18.59	18.52	18.59	18.45	19.8	1
15	256QAM	36	39	18.57	18.56	18.53	18.55	18.60		
15	256QAM	75	0	18.49	18.47	18.51	18.54	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.59	19.92	19.70	19.64	19.67		
10	QPSK	1	25	19.60	19.78	19.60	19.51	19.36	20.80	0
10	QPSK	1	49	19.61	19.76	19.66	19.52	19.48		
10	QPSK	25	0	19.73	19.88	19.62	19.48	19.57		
10	QPSK	25	12	19.63	19.77	19.57	19.53	19.36	20.8	0
10	QPSK	25	25	19.72	19.92	19.58	19.55	19.49		
10	QPSK	50	0	19.59	19.86	19.62	19.46	19.34		
10	16QAM	1	0	19.75	19.86	19.78	19.50	19.54		
10	16QAM	1	25	19.58	20.06	19.74	19.65	19.41	20.8	0
10	16QAM	1	49	19.71	19.73	19.63	19.55	19.33		
10	16QAM	25	0	19.64	19.73	19.61	19.60	19.33		
10	16QAM	25	12	19.72	20.00	19.65	19.50	19.48	20.8	0
10	16QAM	25	25	19.66	19.93	19.67	19.57	19.44		
10	16QAM	50	0	19.62	19.93	19.54	19.52	19.38		
10	64QAM	1	0	19.35	19.66	19.43	19.55	19.32		
10	64QAM	1	25	19.55	19.86	19.44	19.35	19.48	20.8	0
10	64QAM	1	49	19.57	19.61	19.44	19.29	19.40		
10	64QAM	25	0	19.64	19.85	19.69	19.60	19.44		
10	64QAM	25	12	19.63	19.85	19.56	19.46	19.48	20.8	0
10	64QAM	25	25	19.69	19.80	19.64	19.49	19.51		
10	64QAM	50	0	19.70	19.82	19.64	19.55	19.48		
10	256QAM	1	0	18.61	18.60	18.67	18.68	18.64		
10	256QAM	1	25	18.70	18.70	18.66	18.59	18.72	19.8	1
10	256QAM	1	49	18.66	18.64	18.65	18.71	18.62		
10	256QAM	25	0	18.69	18.67	18.65	18.66	18.63		
10	256QAM	25	12	18.76	18.68	18.70	18.73	18.68	19.8	1
10	256QAM	25	25	18.54	18.55	18.61	18.58	18.59		
10	256QAM	50	0	18.61	18.62	18.67	18.72	18.61		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.69	20.05	19.82	19.67	19.60		
5	QPSK	1	12	19.67	19.90	19.61	19.62	19.36	20.80	0
5	QPSK	1	24	19.51	19.65	19.58	19.58	19.47		
5	QPSK	12	0	19.67	19.95	19.72	19.57	19.50		
5	QPSK	12	7	19.59	19.76	19.64	19.54	19.38	20.8	0
5	QPSK	12	13	19.52	19.78	19.71	19.57	19.41		
5	QPSK	25	0	19.74	19.84	19.62	19.52	19.47		
5	16QAM	1	0	19.70	19.72	19.69	19.53	19.60		
5	16QAM	1	12	19.67	19.87	19.75	19.57	19.59	20.8	0
5	16QAM	1	24	19.66	19.82	19.62	19.61	19.38		
5	16QAM	12	0	19.57	19.80	19.55	19.54	19.41		
5	16QAM	12	7	19.73	19.97	19.56	19.61	19.33	20.8	0
5	16QAM	12	13	19.72	19.76	19.74	19.57	19.49		
5	16QAM	25	0	19.58	19.91	19.48	19.61	19.31		
5	64QAM	1	0	19.40	19.58	19.62	19.47	19.28		
5	64QAM	1	12	19.42	19.77	19.56	19.49	19.35	20.8	0
5	64QAM	1	24	19.54	19.66	19.41	19.29	19.40		
5	64QAM	12	0	19.68	19.81	19.54	19.54	19.48		
5	64QAM	12	7	19.79	19.93	19.59	19.45	19.36	20.8	0
5	64QAM	12	13	19.73	19.79	19.53	19.52	19.41		
5	64QAM	25	0	19.56	19.93	19.62	19.47	19.43		
5	256QAM	1	0	18.71	18.76	18.74	18.81	18.73		
5	256QAM	1	12	18.63	18.60	18.62	18.65	18.59	19.8	1
5	256QAM	1	24	18.65	18.74	18.71	18.70	18.73		
5	256QAM	12	0	18.56	18.62	18.63	18.56	18.63		
5	256QAM	12	7	18.67	18.67	18.63	18.60	18.65	19.8	1
5	256QAM	12	13	18.74	18.67	18.70	18.75	18.77		
5	256QAM	25	0	18.80	18.75	18.74	18.78	18.77		

Band 41-HPUE_ANT 2(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.58	21.75	21.55	21.56	21.48		
20	QPSK	1	49	21.45	21.67	21.44	21.41	21.28	22.4	0
20	QPSK	1	99	21.46	21.67	21.52	21.40	21.34		
20	QPSK	50	0	21.57	21.72	21.51	21.55	21.46		
20	QPSK	50	24	21.50	21.63	21.49	21.45	21.33	22.4	0
20	QPSK	50	50	21.56	21.58	21.48	21.51	21.38		
20	QPSK	100	0	21.57	21.70	21.47	21.42	21.32		
20	16QAM	1	0	21.67	21.62	21.62	21.64	21.69		
20	16QAM	1	49	21.64	21.60	21.61	21.61	21.60	22.4	0
20	16QAM	1	99	21.51	21.61	21.56	21.60	21.66		
20	16QAM	50	0	21.54	21.69	21.55	21.54	21.40		
20	16QAM	50	24	21.68	21.56	21.56	21.46	21.35	22.4	0
20	16QAM	50	50	21.65	21.55	21.64	21.32	21.42		
20	16QAM	100	0	21.65	21.54	21.50	21.39	21.35		
20	64QAM	1	0	21.56	21.53	21.67	21.69	21.59		
20	64QAM	1	49	21.64	21.64	21.66	21.48	21.61	22.4	0
20	64QAM	1	99	21.62	21.61	21.67	21.31	21.56		
20	64QAM	50	0	20.88	21.61	21.55	21.11	21.38		
20	64QAM	50	24	21.07	21.55	21.58	21.18	21.36	22.4	0
20	64QAM	50	50	21.11	21.57	21.62	21.14	21.39		
20	64QAM	100	0	20.91	21.69	21.51	21.10	21.36		
20	256QAM	1	0	20.53	20.35	20.85	20.80	20.67		
20	256QAM	1	49	20.77	20.20	20.81	20.48	20.58	21.8	0.6
20	256QAM	1	99	20.72	20.80	20.73	20.52	20.51		
20	256QAM	50	0	20.70	20.86	20.71	20.62	20.52		
20	256QAM	50	24	20.74	20.82	20.65	20.61	20.45	21.8	0.6
20	256QAM	50	50	20.68	20.76	20.66	20.67	20.47		
20	256QAM	100	0	20.71	20.81	20.65	20.61	20.45		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.46	21.55	21.34	21.38	21.28		
15	QPSK	1	37	21.23	21.45	21.26	21.35	21.11	22.40	0
15	QPSK	1	74	21.35	21.64	21.45	21.34	21.21		
15	QPSK	36	0	21.53	21.68	21.49	21.41	21.43		
15	QPSK	36	20	21.33	21.45	21.43	21.32	21.15	22.4	0
15	QPSK	36	39	21.48	21.45	21.42	21.30	21.26		
15	QPSK	75	0	21.51	21.57	21.35	21.29	21.11		
15	16QAM	1	0	21.56	21.55	21.52	21.56	21.48		
15	16QAM	1	37	21.68	21.67	21.57	21.68	21.56	22.4	0
15	16QAM	1	74	21.66	21.50	21.51	21.54	21.63		
15	16QAM	36	0	21.44	21.63	21.48	21.48	21.37		
15	16QAM	36	20	21.64	21.69	21.42	21.27	21.18	22.4	0
15	16QAM	36	39	21.58	21.65	21.59	21.10	21.31		
15	16QAM	75	0	21.52	21.67	21.32	21.36	21.26		
15	64QAM	1	0	21.40	21.61	21.62	21.58	21.51		
15	64QAM	1	37	21.53	21.58	21.62	21.33	21.50	22.4	0
15	64QAM	1	74	21.65	21.59	21.63	21.19	21.39		
15	64QAM	36	0	20.81	21.53	21.36	21.20	21.20		
15	64QAM	36	20	21.02	21.53	21.45	20.99	21.27	22.4	0
15	64QAM	36	39	20.93	21.67	21.44	20.93	21.31		
15	64QAM	75	0	21.15	21.57	21.37	21.10	21.23		
15	256QAM	1	0	20.82	20.80	20.82	20.77	20.82		
15	256QAM	1	37	20.64	20.67	20.71	20.77	20.78	21.8	0.6
15	256QAM	1	74	20.77	20.82	20.76	20.77	20.79		
15	256QAM	36	0	20.81	20.82	20.79	20.74	20.83		
15	256QAM	36	20	20.70	20.73	20.74	20.69	20.68	21.8	0.6
15	256QAM	36	39	20.73	20.70	20.73	20.75	20.69		
15	256QAM	75	0	20.69	20.67	20.74	20.69	20.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.36	21.61	21.53	21.48	21.32		
10	QPSK	1	25	21.32	21.63	21.27	21.21	21.07	22.40	0
10	QPSK	1	49	21.41	21.49	21.42	21.30	21.17		
10	QPSK	25	0	21.42	21.61	21.39	21.47	21.31		
10	QPSK	25	12	21.47	21.59	21.36	21.32	21.18	22.4	0
10	QPSK	25	25	21.37	21.40	21.29	21.34	21.17		
10	QPSK	50	0	21.41	21.58	21.33	21.36	21.14		
10	16QAM	1	0	21.60	21.67	21.66	21.53	21.52		
10	16QAM	1	25	21.64	21.67	21.64	21.59	21.69	22.4	0
10	16QAM	1	49	21.61	21.55	21.62	21.57	21.47		
10	16QAM	25	0	21.32	21.57	21.39	21.36	21.24		
10	16QAM	25	12	21.61	21.60	21.54	21.37	21.31	22.4	0
10	16QAM	25	25	21.63	21.63	21.52	21.26	21.39		
10	16QAM	50	0	21.56	21.63	21.44	21.33	21.24		
10	64QAM	1	0	21.38	21.68	21.57	21.51	21.49		
10	64QAM	1	25	21.61	21.58	21.62	21.37	21.58	22.4	0
10	64QAM	1	49	21.51	21.65	21.56	21.17	21.39		
10	64QAM	25	0	20.81	21.57	21.42	21.10	21.29		
10	64QAM	25	12	20.97	21.62	21.36	21.14	21.21	22.4	0
10	64QAM	25	25	21.04	21.51	21.46	21.11	21.36		
10	64QAM	50	0	21.17	21.60	21.48	21.17	21.28		
10	256QAM	1	0	20.96	20.82	20.89	20.84	20.88		
10	256QAM	1	25	20.78	20.77	20.83	20.90	20.84	21.8	0.6
10	256QAM	1	49	20.90	20.88	20.86	20.89	20.81		
10	256QAM	25	0	20.74	20.76	20.80	20.77	20.83		
10	256QAM	25	12	20.89	20.86	20.84	20.87	20.79	21.8	0.6
10	256QAM	25	25	20.83	20.85	20.86	20.80	20.79		
10	256QAM	50	0	20.84	20.92	20.86	20.89	20.85		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.36	21.63	21.38	21.38	21.26		
5	QPSK	1	12	21.26	21.46	21.37	21.28	21.10	22.40	0
5	QPSK	1	24	21.42	21.51	21.34	21.20	21.32		
5	QPSK	12	0	21.46	21.63	21.34	21.52	21.32		
5	QPSK	12	7	21.36	21.51	21.33	21.26	21.28	22.4	0
5	QPSK	12	13	21.54	21.43	21.29	21.43	21.36		
5	QPSK	25	0	21.52	21.62	21.43	21.30	21.14		
5	16QAM	1	0	21.69	21.60	21.62	21.52	21.65		
5	16QAM	1	12	21.65	21.62	21.67	21.61	21.53	22.4	0
5	16QAM	1	24	21.65	21.66	21.53	21.64	21.45		
5	16QAM	12	0	21.34	21.63	21.50	21.37	21.35		
5	16QAM	12	7	21.57	21.54	21.38	21.36	21.30	22.4	0
5	16QAM	12	13	21.48	21.69	21.61	21.16	21.22		
5	16QAM	25	0	21.59	21.65	21.44	21.17	21.13		
5	64QAM	1	0	21.40	21.62	21.67	21.55	21.40		
5	64QAM	1	12	21.48	21.55	21.63	21.26	21.53	22.4	0
5	64QAM	1	24	21.69	21.68	21.65	21.24	21.48		
5	64QAM	12	0	20.86	21.56	21.47	21.19	21.17		
5	64QAM	12	7	20.92	21.67	21.53	21.17	21.34	22.4	0
5	64QAM	12	13	21.09	21.65	21.40	21.17	21.47		
5	64QAM	25	0	21.14	21.69	21.40	21.11	21.38		
5	256QAM	1	0	20.95	21.00	20.93	20.89	20.94		
5	256QAM	1	12	20.93	20.91	20.94	20.92	20.87	21.8	0.6
5	256QAM	1	24	20.90	20.92	20.90	20.95	20.87		
5	256QAM	12	0	20.82	20.86	20.88	20.86	20.83		
5	256QAM	12	7	20.80	20.78	20.82	20.81	20.86	21.8	0.6
5	256QAM	12	13	20.88	20.84	20.85	20.86	20.92		
5	256QAM	25	0	20.75	20.74	20.80	20.75	20.77		

Band 48_ANT 5(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.29	16.39	16.37	16.30	16.8	0
20	QPSK	1	49	16.21	16.20	16.36	16.24		
20	QPSK	1	99	16.15	16.23	16.26	16.27		
20	QPSK	50	0	16.27	16.38	16.37	16.21	16.8	0
20	QPSK	50	24	16.28	16.34	16.30	16.24		
20	QPSK	50	50	16.21	16.27	16.32	16.20		
20	QPSK	100	0	16.25	16.35	16.33	16.20		
20	16QAM	1	0	16.29	16.15	16.19	16.29	16.8	0
20	16QAM	1	49	16.25	16.20	16.29	16.29		
20	16QAM	1	99	16.17	16.20	16.21	16.25		
20	16QAM	50	0	16.28	16.15	16.12	16.28	16.8	0
20	16QAM	50	24	16.23	16.15	16.21	16.28		
20	16QAM	50	50	16.23	16.09	16.12	16.26		
20	16QAM	100	0	16.24	16.09	16.15	16.23		
20	64QAM	1	0	16.27	16.12	16.06	16.18	16.8	0
20	64QAM	1	49	16.23	16.16	16.10	16.28		
20	64QAM	1	99	16.24	16.15	16.15	16.24		
20	64QAM	50	0	16.23	16.22	16.19	16.29	16.8	0
20	64QAM	50	24	16.23	16.28	16.23	16.23		
20	64QAM	50	50	16.22	16.24	16.24	16.24		
20	64QAM	100	0	16.28	16.29	16.28	16.21		
20	256QAM	1	0	16.15	16.14	16.03	16.10	16.8	0
20	256QAM	1	49	16.09	16.07	16.08	16.13		
20	256QAM	1	99	16.13	16.05	15.93	16.16		
20	256QAM	50	0	16.14	16.15	16.13	16.19	16.8	0
20	256QAM	50	24	16.25	16.23	16.15	16.23		
20	256QAM	50	50	16.12	16.20	15.98	16.21		
20	256QAM	100	0	16.13	16.17	16.10	16.22		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.22	16.32	16.25	16.19	16.8	0
15	QPSK	1	37	16.13	16.12	16.25	16.16		
15	QPSK	1	74	16.03	16.15	16.21	16.16		
15	QPSK	36	0	16.17	16.33	16.26	16.14	16.8	0
15	QPSK	36	20	16.19	16.24	16.21	16.20		
15	QPSK	36	39	16.18	16.24	16.30	16.09		
15	QPSK	75	0	16.17	16.33	16.27	16.13		
15	16QAM	1	0	16.26	16.07	16.12	16.26	16.8	0
15	16QAM	1	37	16.18	16.10	16.18	16.26		
15	16QAM	1	74	16.08	16.14	16.19	16.17		
15	16QAM	36	0	16.17	16.05	16.07	16.22	16.8	0
15	16QAM	36	20	16.20	16.05	16.16	16.17		
15	16QAM	36	39	16.13	16.07	16.03	16.19		
15	16QAM	75	0	16.17	16.05	16.11	16.17		
15	64QAM	1	0	16.20	16.02	16.03	16.16	16.8	0
15	64QAM	1	37	16.15	16.06	15.99	16.20		
15	64QAM	1	74	16.20	16.10	16.09	16.12		
15	64QAM	36	0	16.13	16.13	16.14	16.23	16.8	0
15	64QAM	36	20	16.16	16.19	16.21	16.20		
15	64QAM	36	39	16.11	16.12	16.19	16.15		
15	64QAM	75	0	16.18	16.23	16.22	16.13		
15	256QAM	1	0	16.13	16.06	15.91	16.05	16.8	0
15	256QAM	1	37	16.04	16.00	16.06	16.08		
15	256QAM	1	74	16.09	15.98	15.91	16.07		
15	256QAM	36	0	16.12	16.10	16.02	16.17	16.8	0
15	256QAM	36	20	16.18	16.12	16.05	16.16		
15	256QAM	36	39	16.04	16.10	15.86	16.19		
15	256QAM	75	0	16.03	16.12	16.03	16.17		
Channel				55255	55815	56155	56655	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.19	16.28	16.30	16.18	16.8	0
10	QPSK	1	25	16.16	16.16	16.29	16.14		
10	QPSK	1	49	16.04	16.15	16.24	16.16		
10	QPSK	25	0	16.22	16.34	16.25	16.10	16.8	0
10	QPSK	25	12	16.18	16.22	16.21	16.21		
10	QPSK	25	25	16.13	16.24	16.22	16.15		
10	QPSK	50	0	16.16	16.27	16.26	16.16		
10	16QAM	1	0	16.23	16.10	16.15	16.18	16.8	0
10	16QAM	1	25	16.13	16.18	16.18	16.25		
10	16QAM	1	49	16.14	16.16	16.16	16.21		
10	16QAM	25	0	16.21	16.09	16.04	16.23	16.8	0
10	16QAM	25	12	16.11	16.11	16.15	16.23		
10	16QAM	25	25	16.14	16.03	16.03	16.20		
10	16QAM	50	0	16.21	15.99	16.04	16.21		
10	64QAM	1	0	16.24	16.04	16.01	16.15	16.8	0
10	64QAM	1	25	16.11	16.06	16.06	16.23		
10	64QAM	1	49	16.21	16.05	16.03	16.12		
10	64QAM	25	0	16.15	16.16	16.16	16.17	16.8	0
10	64QAM	25	12	16.18	16.18	16.20	16.15		
10	64QAM	25	25	16.11	16.16	16.17	16.15		
10	64QAM	50	0	16.26	16.22	16.16	16.15		
10	256QAM	1	0	16.12	16.10	15.92	15.99	16.8	0
10	256QAM	1	25	16.07	15.99	16.05	16.07		
10	256QAM	1	49	16.06	16.01	15.86	16.07		
10	256QAM	25	0	16.05	16.08	16.09	16.09	16.8	0
10	256QAM	25	12	16.15	16.13	16.07	16.16		
10	256QAM	25	25	16.00	16.14	15.96	16.15		
10	256QAM	50	0	16.03	16.10	16.05	16.20		
Channel				55245	55815	56175	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.18	16.35	16.28	16.24	16.8	0
5	QPSK	1	12	16.15	16.15	16.33	16.17		
5	QPSK	1	24	16.13	16.19	16.24	16.21		
5	QPSK	12	0	16.25	16.36	16.32	16.14	16.8	0
5	QPSK	12	7	16.25	16.29	16.21	16.17		
5	QPSK	12	13	16.19	16.23	16.28	16.13		
5	QPSK	25	0	16.17	16.31	16.22	16.14		
5	16QAM	1	0	16.20	16.10	16.16	16.25	16.8	0
5	16QAM	1	12	16.17	16.08	16.20	16.27		
5	16QAM	1	24	16.07	16.16	16.15	16.16		
5	16QAM	12	0	16.25	16.08	16.01	16.16	16.8	0
5	16QAM	12	7	16.20	16.10	16.10	16.19		
5	16QAM	12	13	16.17	15.98	16.00	16.23		
5	16QAM	25	0	16.18	16.00	16.10	16.19		
5	64QAM	1	0	16.25	16.07	16.03	16.11	16.8	0
5	64QAM	1	12	16.20	16.05	15.98	16.17		
5	64QAM	1	24	16.20	16.04	16.12	16.16		
5	64QAM	12	0	16.13	16.11	16.17	16.20	16.8	0
5	64QAM	12	7	16.15	16.18	16.18	16.12		
5	64QAM	12	13	16.11	16.12	16.16	16.15		
5	64QAM	25	0	16.18	16.19	16.21	16.10		
5	256QAM	1	0	16.09	16.12	15.96	16.03	16.8	0
5	256QAM	1	12	16.02	16.05	16.01	16.01		
5	256QAM	1	24	16.04	15.95	15.84	16.09		
5	256QAM	12	0	16.11	16.13	16.04	16.15	16.8	0
5	256QAM	12	7	16.20	16.19	16.05	16.16		
5	256QAM	12	13	16.02	16.08	15.90	16.11		
5	256QAM	25	0	16.02	16.09	16.04	16.17		

Band 48_ANT 10(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.46	16.49	16.39	16.42	17.3	0
20	QPSK	1	49	16.38	16.34	16.35	16.36		
20	QPSK	1	99	16.34	16.32	16.31	16.35		
20	QPSK	50	0	16.37	16.41	16.40	16.35	17.3	0
20	QPSK	50	24	16.32	16.36	16.38	16.34		
20	QPSK	50	50	16.32	16.31	16.30	16.33		
20	QPSK	100	0	16.38	16.40	16.36	16.30		
20	16QAM	1	0	16.19	16.01	16.13	15.93	17.3	0
20	16QAM	1	49	16.33	15.91	15.96	15.90		
20	16QAM	1	99	16.08	16.18	16.01	15.97		
20	16QAM	50	0	16.19	16.29	15.95	15.87	17.3	0
20	16QAM	50	24	15.88	16.22	15.92	15.97		
20	16QAM	50	50	16.04	16.15	15.90	16.01		
20	16QAM	100	0	16.00	16.25	15.93	16.19		
20	64QAM	1	0	16.14	16.10	15.83	15.93	17.3	0
20	64QAM	1	49	16.14	16.00	16.05	15.86		
20	64QAM	1	99	16.04	16.06	15.91	15.95		
20	64QAM	50	0	16.01	16.06	15.83	15.76	17.3	0
20	64QAM	50	24	16.13	16.05	15.78	16.27		
20	64QAM	50	50	15.80	16.13	15.78	15.99		
20	64QAM	100	0	15.95	16.15	16.17	16.05		
20	256QAM	1	0	16.15	16.26	15.98	16.09	17.3	0
20	256QAM	1	49	16.09	16.02	16.07	15.83		
20	256QAM	1	99	16.29	16.30	16.04	15.89		
20	256QAM	50	0	16.27	16.14	15.95	15.92	17.3	0
20	256QAM	50	24	16.06	16.05	16.10	15.92		
20	256QAM	50	50	16.09	16.12	15.96	16.07		
20	256QAM	100	0	16.10	16.01	16.26	15.85		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.15	16.14	16.12	16.02	17.3	0
15	QPSK	1	37	16.35	15.90	15.99	15.90		
15	QPSK	1	74	15.95	16.05	16.02	15.83		
15	QPSK	36	0	16.26	16.29	15.92	16.01	17.3	0
15	QPSK	36	20	15.95	16.19	15.79	15.96		
15	QPSK	36	39	16.04	16.24	15.89	15.94		
15	QPSK	75	0	16.08	16.20	15.96	16.14		
15	16QAM	1	0	16.05	16.10	15.99	15.95	17.3	0
15	16QAM	1	37	16.14	16.13	15.95	15.81		
15	16QAM	1	74	16.06	15.92	16.00	15.99		
15	16QAM	36	0	16.12	16.04	15.83	15.66	17.3	0
15	16QAM	36	20	16.07	15.93	15.96	16.25		
15	16QAM	36	39	15.92	16.16	15.87	15.93		
15	16QAM	75	0	16.05	16.26	16.04	16.15		
15	64QAM	1	0	16.22	16.14	16.08	16.06	17.3	0
15	64QAM	1	37	16.15	16.14	15.99	15.80		
15	64QAM	1	74	16.31	16.24	16.06	15.89		
15	64QAM	36	0	16.18	16.28	15.94	15.98	17.3	0
15	64QAM	36	20	16.25	16.05	16.01	15.87		
15	64QAM	36	39	16.13	16.26	15.97	16.10		
15	64QAM	75	0	16.17	16.14	16.19	15.90		
15	256QAM	1	0	16.25	16.23	16.13	16.11	17.3	0
15	256QAM	1	37	16.01	16.10	15.97	15.78		
15	256QAM	1	74	16.16	16.19	16.15	15.91		
15	256QAM	36	0	16.19	16.22	15.91	15.98	17.3	0
15	256QAM	36	20	16.25	16.11	16.01	15.88		
15	256QAM	36	39	16.19	16.25	15.92	16.12		
15	256QAM	75	0	16.15	16.15	16.21	15.82		
Channel				55255	55815	56155	56655	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.23	16.01	15.93	15.98	17.3	0
10	QPSK	1	25	16.35	15.94	16.04	15.85		
10	QPSK	1	49	15.93	16.11	16.16	15.78		
10	QPSK	25	0	16.25	16.18	15.87	15.82	17.3	0
10	QPSK	25	12	15.91	16.11	15.97	15.92		
10	QPSK	25	25	16.08	16.20	15.81	16.12		
10	QPSK	50	0	16.02	16.24	15.86	16.10		
10	16QAM	1	0	16.14	16.02	15.91	15.86	17.3	0
10	16QAM	1	25	16.13	16.02	16.00	15.80		
10	16QAM	1	49	16.22	16.05	16.00	16.01		
10	16QAM	25	0	16.04	16.14	15.87	15.65	17.3	0
10	16QAM	25	12	16.15	16.13	15.98	16.10		
10	16QAM	25	25	15.91	16.11	15.80	15.93		
10	16QAM	50	0	15.97	16.19	16.14	15.99		
10	64QAM	1	0	16.05	16.30	16.09	16.25	17.3	0
10	64QAM	1	25	16.18	16.21	16.03	15.85		
10	64QAM	1	49	16.26	16.24	16.08	16.05		
10	64QAM	25	0	16.20	16.14	15.83	16.10	17.3	0
10	64QAM	25	12	16.12	16.08	16.06	15.96		
10	64QAM	25	25	16.13	16.22	16.11	16.01		
10	64QAM	50	0	16.09	16.12	16.09	15.80		
10	256QAM	1	0	16.05	16.29	16.09	16.23	17.3	0
10	256QAM	1	25	16.16	16.08	16.05	15.78		
10	256QAM	1	49	16.23	16.18	16.19	16.04		
10	256QAM	25	0	16.33	16.20	15.89	15.92	17.3	0
10	256QAM	25	12	16.23	15.99	16.17	15.98		
10	256QAM	25	25	16.13	16.28	16.09	16.01		
10	256QAM	50	0	16.01	16.16	16.07	15.84		
Channel				55245	55815	56175	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.09	16.05	15.94	16.05	17.3	0
5	QPSK	1	12	16.32	15.92	16.03	15.94		
5	QPSK	1	24	15.93	16.18	16.05	15.77		
5	QPSK	12	0	16.18	16.13	15.99	15.94	17.3	0
5	QPSK	12	7	15.98	16.13	15.86	15.87		
5	QPSK	12	13	16.17	16.12	15.86	16.10		
5	QPSK	25	0	16.11	16.25	15.93	16.04		
5	16QAM	1	0	16.12	16.09	16.03	15.96	17.3	0
5	16QAM	1	12	16.14	16.02	16.05	15.77		
5	16QAM	1	24	16.12	15.94	15.85	15.90		
5	16QAM	12	0	16.06	15.99	15.86	15.80	17.3	0
5	16QAM	12	7	16.12	16.06	15.96	16.11		
5	16QAM	12	13	15.94	16.17	15.94	15.90		
5	16QAM	25	0	15.92	16.15	16.17	16.00		
5	64QAM	1	0	16.10	16.25	16.03	16.26	17.3	0
5	64QAM	1	12	16.16	16.11	16.11	15.86		
5	64QAM	1	24	16.13	16.26	16.15	16.07		
5	64QAM	12	0	16.13	16.09	15.94	15.98	17.3	0
5	64QAM	12	7	16.14	16.13	16.14	16.00		
5	64QAM	12	13	16.08	16.20	15.99	16.06		
5	64QAM	25	0	16.17	16.15	16.25	15.93		
5	256QAM	1	0	16.06	16.28	16.04	16.15	17.3	0
5	256QAM	1	12	16.02	16.13	15.95	15.79		
5	256QAM	1	24	16.24	16.30	16.06	15.89		
5	256QAM	12	0	16.33	16.11	15.86	16.01	17.3	0
5	256QAM	12	7	16.16	15.97	16.04	15.93		
5	256QAM	12	13	16.09	16.13	15.91	16.15		
5	256QAM	25	0	16.06	16.02	16.10	15.93		

Band 38_ANT 2(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.25	21.08	21.07	22	0
20	QPSK	1	49	21.08	20.94	21.03		
20	QPSK	1	99	21.17	21.04	21.05		
20	QPSK	50	0	21.11	21.00	20.95	22	0
20	QPSK	50	24	20.95	20.75	20.87		
20	QPSK	50	50	21.06	20.82	20.89		
20	QPSK	100	0	21.03	20.93	20.89		
20	16QAM	1	0	21.00	20.52	20.90	22	0
20	16QAM	1	49	21.02	21.01	20.87		
20	16QAM	1	99	20.82	20.91	20.84		
20	16QAM	50	0	20.62	20.40	20.39	22	0
20	16QAM	50	24	20.73	20.42	20.57		
20	16QAM	50	50	20.68	20.59	20.52		
20	16QAM	100	0	20.72	20.47	20.42		
20	64QAM	1	0	20.60	20.57	20.61	22	0
20	64QAM	1	49	20.75	20.78	20.79		
20	64QAM	1	99	21.05	20.60	21.04		
20	64QAM	50	0	20.56	20.41	20.48	21.3	0.7
20	64QAM	50	24	20.75	20.43	20.50		
20	64QAM	50	50	20.67	20.46	20.50		
20	64QAM	100	0	20.65	20.34	20.47		
20	256QAM	1	0	18.58	18.57	18.56	19.3	2.7
20	256QAM	1	49	18.69	18.58	18.54		
20	256QAM	1	99	18.57	18.51	18.55		
20	256QAM	50	0	18.64	18.61	18.56	19.3	2.7
20	256QAM	50	24	18.73	18.60	18.57		
20	256QAM	50	50	18.63	18.62	18.60		
20	256QAM	100	0	18.67	18.55	18.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.91	20.61	21.03	22	0
15	QPSK	1	37	20.90	20.86	20.73		
15	QPSK	1	74	20.74	20.72	20.75		
15	QPSK	36	0	20.93	20.76	20.82	22	0
15	QPSK	36	20	20.87	20.82	20.95		
15	QPSK	36	39	20.87	20.81	20.82		
15	QPSK	75	0	20.91	20.76	20.81		
15	16QAM	1	0	20.79	20.89	20.91	22	0
15	16QAM	1	37	20.88	20.74	20.87		
15	16QAM	1	74	20.91	20.72	20.89		
15	16QAM	36	0	20.59	20.68	20.72	22	0
15	16QAM	36	20	20.69	20.31	20.75		
15	16QAM	36	39	20.71	20.69	20.68		
15	16QAM	75	0	20.70	20.71	20.75		
15	64QAM	1	0	20.67	20.88	20.67	22	0
15	64QAM	1	37	20.71	20.67	20.48		
15	64QAM	1	74	20.74	20.76	20.71		
15	64QAM	36	0	20.71	20.35	20.58	21.3	0.7
15	64QAM	36	20	20.85	20.43	20.53		
15	64QAM	36	39	20.77	20.47	20.52		
15	64QAM	75	0	20.67	20.42	20.49		
15	256QAM	1	0	18.53	18.53	18.51	19.3	2.7
15	256QAM	1	37	18.52	18.54	18.52		
15	256QAM	1	74	18.52	18.54	18.53		
15	256QAM	36	0	18.51	18.53	18.49	19.3	2.7
15	256QAM	36	20	18.55	18.56	18.57		
15	256QAM	36	39	18.57	18.57	18.55		
15	256QAM	75	0	18.51	18.53	18.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.95	20.82	20.88	22	0
10	QPSK	1	25	20.94	20.92	20.95		
10	QPSK	1	49	20.95	20.85	21.02		
10	QPSK	25	0	20.94	20.90	20.95	22	0
10	QPSK	25	12	20.71	20.94	20.95		
10	QPSK	25	25	20.68	21.03	21.04		
10	QPSK	50	0	20.68	20.89	21.01		
10	16QAM	1	0	21.04	20.90	20.76	22	0
10	16QAM	1	25	20.98	20.89	20.91		
10	16QAM	1	49	20.70	20.88	21.02		
10	16QAM	25	0	20.81	20.58	20.63	22	0
10	16QAM	25	12	20.85	20.76	20.63		
10	16QAM	25	25	20.92	20.64	20.66		
10	16QAM	50	0	20.90	20.75	20.65		
10	64QAM	1	0	20.64	20.64	20.71	22	0
10	64QAM	1	25	20.67	20.69	20.74		
10	64QAM	1	49	20.91	20.74	20.72		
10	64QAM	25	0	20.97	20.54	20.52	21.3	0.7
10	64QAM	25	12	20.92	20.52	20.55		
10	64QAM	25	25	20.86	20.58	20.63		
10	64QAM	50	0	20.89	20.39	20.61		
10	256QAM	1	0	18.71	18.67	18.63	19.3	2.7
10	256QAM	1	25	18.76	18.71	18.66		
10	256QAM	1	49	18.68	18.68	18.73		
10	256QAM	25	0	18.73	18.69	18.73	19.3	2.7
10	256QAM	25	12	18.68	18.63	18.61		
10	256QAM	25	25	18.67	18.67	18.70		
10	256QAM	50	0	18.71	18.66	18.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.93	20.93	20.90	22	0
5	QPSK	1	12	20.95	20.99	20.84		
5	QPSK	1	24	21.03	20.85	21.02		
5	QPSK	12	0	20.98	20.90	20.97	22	0
5	QPSK	12	7	20.69	20.93	21.06		
5	QPSK	12	13	20.90	20.99	20.98		
5	QPSK	25	0	20.92	20.89	21.00		
5	16QAM	1	0	20.88	20.66	20.73	22	0
5	16QAM	1	12	20.96	21.00	20.84		
5	16QAM	1	24	20.77	20.96	20.75		
5	16QAM	12	0	20.87	20.76	20.60	22	0
5	16QAM	12	7	20.91	20.63	20.67		
5	16QAM	12	13	20.78	20.58	20.62		
5	16QAM	25	0	20.87	20.69	20.75		
5	64QAM	1	0	20.68	20.74	20.63	22	0
5	64QAM	1	12	20.89	20.76	20.57		
5	64QAM	1	24	21.02	20.72	20.65		
5	64QAM	12	0	20.86	20.56	20.66	21.3	0.7
5	64QAM	12	7	20.86	20.70	20.68		
5	64QAM	12	13	20.80	20.49	20.55		
5	64QAM	25	0	20.83	20.54	20.60		
5	256QAM	1	0	18.64	18.60	18.60	19.3	2.7
5	256QAM	1	12	18.71	18.66	18.62		
5	256QAM	1	24	18.64	18.62	18.57		
5	256QAM	12	0	18.65	18.67	18.63	19.3	2.7
5	256QAM	12	7	18.61	18.60	18.58		
5	256QAM	12	13	18.60	18.62	18.61		
5	256QAM	25	0	18.61	18.66	18.64		

Band 41_ANT 2(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.16	21.35	21.10	21.17	21.00	22	0
20	QPSK	1	49	20.85	21.17	20.78	20.98	20.69		
20	QPSK	1	99	20.79	20.94	20.81	20.51	20.57		
20	QPSK	50	0	20.94	21.19	21.08	20.91	20.85	22	0
20	QPSK	50	24	20.85	21.08	20.88	20.83	20.70		
20	QPSK	50	50	20.90	21.16	21.00	20.87	20.76		
20	QPSK	100	0	20.91	21.19	20.87	20.80	20.67		
20	16QAM	1	0	20.90	20.90	20.75	20.66	20.71	22	0
20	16QAM	1	49	21.29	21.06	20.90	20.77	20.65		
20	16QAM	1	99	20.52	21.17	20.86	20.68	20.69		
20	16QAM	50	0	20.92	21.15	20.89	20.79	20.66	22	0
20	16QAM	50	24	20.90	21.21	20.92	20.83	20.69		
20	16QAM	50	50	20.90	21.25	21.07	20.82	20.77		
20	16QAM	100	0	21.06	21.22	20.88	20.84	20.62		
20	64QAM	1	0	20.85	21.27	21.01	20.76	20.81	22	0
20	64QAM	1	49	20.90	21.26	20.83	20.39	20.82		
20	64QAM	1	99	20.91	21.07	20.76	20.60	20.22		
20	64QAM	50	0	20.65	21.00	20.85	20.68	20.74	21.8	0.2
20	64QAM	50	24	20.89	21.11	20.83	20.58	20.64		
20	64QAM	50	50	20.91	21.11	20.86	20.43	20.67		
20	64QAM	100	0	20.74	21.14	20.81	20.50	20.56		
20	256QAM	1	0	18.67	18.65	18.65	18.62	18.49	19.8	2.2
20	256QAM	1	49	18.61	18.64	18.61	18.57	18.40		
20	256QAM	1	99	18.55	18.56	18.59	18.56	18.33		
20	256QAM	50	0	18.65	18.79	18.70	18.62	18.46	19.8	2.2
20	256QAM	50	24	18.71	18.81	18.65	18.62	18.39		
20	256QAM	50	50	18.66	18.74	18.65	18.61	18.43		
20	256QAM	100	0	18.70	18.79	18.63	18.59	18.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.82	21.09	20.99	20.76	20.93	22.00	0
15	QPSK	1	37	20.70	21.00	20.79	20.80	20.64		
15	QPSK	1	74	20.90	21.02	20.78	20.70	20.68		
15	QPSK	36	0	20.81	21.05	20.93	20.82	20.81	22	0
15	QPSK	36	20	20.87	21.19	20.81	20.84	20.78		
15	QPSK	36	39	20.81	21.17	20.96	20.88	20.77		
15	QPSK	75	0	20.88	21.10	20.87	20.87	20.73		
15	16QAM	1	0	21.07	21.11	20.84	20.93	20.87	22	0
15	16QAM	1	37	20.89	21.15	21.17	20.85	20.78		
15	16QAM	1	74	20.89	21.03	20.87	20.81	20.65		
15	16QAM	36	0	20.84	21.01	20.93	20.89	20.76	22	0
15	16QAM	36	20	20.95	21.15	20.82	20.83	20.73		
15	16QAM	36	39	20.80	21.17	20.88	20.96	20.80		
15	16QAM	75	0	20.96	21.15	20.84	20.87	20.81		
15	64QAM	1	0	20.89	21.01	20.72	20.69	20.62	22	0
15	64QAM	1	37	20.76	20.99	20.69	20.90	20.60		
15	64QAM	1	74	20.86	20.93	20.87	20.80	20.53		
15	64QAM	36	0	20.61	21.09	20.73	20.67	20.71	21.8	0.2
15	64QAM	36	20	20.86	21.11	20.77	20.61	20.69		
15	64QAM	36	39	20.85	21.06	20.81	20.46	20.65		
15	64QAM	75	0	20.75	21.06	20.77	20.46	20.67		
15	256QAM	1	0	18.61	18.58	18.62	18.66	18.60	19.8	2.2
15	256QAM	1	37	18.58	18.53	18.56	18.62	18.62		
15	256QAM	1	74	18.62	18.59	18.56	18.60	18.51		
15	256QAM	36	0	18.61	18.61	18.63	18.59	18.63	19.8	2.2
15	256QAM	36	20	18.49	18.59	18.52	18.59	18.45		
15	256QAM	36	39	18.57	18.56	18.53	18.55	18.60		
15	256QAM	75	0	18.49	18.47	18.51	18.54	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.81	21.09	21.04	20.73	20.89	22.00	0
10	QPSK	1	25	20.73	21.00	20.78	20.82	20.61		
10	QPSK	1	49	20.87	20.98	20.84	20.65	20.62		
10	QPSK	25	0	20.84	21.04	20.89	20.83	20.85	22	0
10	QPSK	25	12	20.86	21.15	20.86	20.87	20.78		
10	QPSK	25	25	20.86	21.17	20.96	20.94	20.71		
10	QPSK	50	0	20.82	21.14	20.86	20.81	20.67		
10	16QAM	1	0	21.04	21.06	20.81	20.92	20.91	22	0
10	16QAM	1	25	20.86	21.19	21.16	20.82	20.76		
10	16QAM	1	49	20.90	21.06	20.90	20.83	20.66		
10	16QAM	25	0	20.89	21.07	20.93	20.91	20.78	22	0
10	16QAM	25	12	20.90	21.09	20.88	20.80	20.68		
10	16QAM	25	25	20.81	21.16	20.87	20.91	20.85		
10	16QAM	50	0	20.93	21.11	20.82	20.90	20.87		
10	64QAM	1	0	20.87	20.96	20.68	20.74	20.62	22	0
10	64QAM	1	25	20.76	21.00	20.71	20.85	20.58		
10	64QAM	1	49	20.86	20.91	20.84	20.74	20.54		
10	64QAM	25	0	20.67	21.06	20.70	20.64	20.72	21.8	0.2
10	64QAM	25	12	20.83	21.09	20.80	20.61	20.66		
10	64QAM	25	25	20.85	21.00	20.87	20.47	20.59		
10	64QAM	50	0	20.76	21.11	20.77	20.51	20.63		
10	256QAM	1	0	18.61	18.60	18.67	18.68	18.64	19.8	2.2
10	256QAM	1	25	18.70	18.70	18.66	18.59	18.72		
10	256QAM	1	49	18.66	18.64	18.65	18.71	18.62		
10	256QAM	25	0	18.69	18.67	18.65	18.66	18.63	19.8	2.2
10	256QAM	25	12	18.76	18.68	18.70	18.73	18.68		
10	256QAM	25	25	18.54	18.55	18.61	18.58	18.59		
10	256QAM	50	0	18.61	18.62	18.67	18.72	18.61		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.86	21.05	21.10	20.67	20.84	22.00	0
5	QPSK	1	12	20.73	20.98	20.78	20.86	20.62		
5	QPSK	1	24	20.90	20.98	20.83	20.63	20.59		
5	QPSK	12	0	20.90	21.10	20.95	20.81	20.86	22	0
5	QPSK	12	7	20.89	21.10	20.90	20.92	20.79		
5	QPSK	12	13	20.85	21.13	21.00	20.90	20.74		
5	QPSK	25	0	20.87	21.14	20.80	20.79	20.61		
5	16QAM	1	0	21.08	21.02	20.87	20.88	20.91	22	0
5	16QAM	1	12	20.89	21.13	21.20	20.82	20.71		
5	16QAM	1	24	20.92	21.05	20.89	20.82	20.70		
5	16QAM	12	0	20.90	21.11	20.99	20.95	20.84	22	0
5	16QAM	12	7	20.89	21.03	20.92	20.85	20.73		
5	16QAM	12	13	20.78	21.13	20.84	20.86	20.88		
5	16QAM	25	0	20.89	21.10	20.87	20.84	20.89		
5	64QAM	1	0	20.84	20.95	20.66	20.76	20.64	22	0
5	64QAM	1	12	20.82	20.99	20.66	20.85	20.56		
5	64QAM	1	24	20.92	20.96	20.79	20.77	20.51		
5	64QAM	12	0	20.66	21.09	20.75	20.70	20.78	21.8	0.2
5	64QAM	12	7	20.83	21.10	20.84	20.57	20.66		
5	64QAM	12	13	20.83	20.94	20.82	20.41	20.56		
5	64QAM	25	0	20.81	21.10	20.75	20.47	20.65		
5	256QAM	1	0	18.71	18.76	18.74	18.81	18.73	19.8	2.2
5	256QAM	1	12	18.63	18.60	18.62	18.65	18.59		
5	256QAM	1	24	18.65	18.74	18.71	18.70	18.73		
5	256QAM	12	0	18.56	18.62	18.63	18.56	18.63	19.8	2.2
5	256QAM	12	7	18.67	18.67	18.63	18.60	18.65		
5	256QAM	12	13	18.74	18.67	18.70	18.75	18.77		
5	256QAM	25	0	18.80	18.75	18.74	18.78	18.77		

Band 41-HPUE_ANT 2(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.73	22.87	22.76	22.60	22.65	23.6	0
20	QPSK	1	49	22.63	22.84	22.60	22.53	22.48		
20	QPSK	1	99	22.67	22.83	22.74	22.58	22.49		
20	QPSK	50	0	22.80	22.84	22.75	22.68	22.62	23.6	0
20	QPSK	50	24	22.73	22.81	22.69	22.62	22.54		
20	QPSK	50	50	22.77	22.78	22.74	22.38	22.58		
20	QPSK	100	0	22.79	22.80	22.66	22.32	22.51		
20	16QAM	1	0	22.48	22.49	22.45	22.29	22.50	23.6	0
20	16QAM	1	49	22.57	22.52	22.43	22.47	22.50		
20	16QAM	1	99	22.37	22.45	22.40	22.57	22.55		
20	16QAM	50	0	22.17	22.45	22.49	22.18	22.56	23.6	0
20	16QAM	50	24	22.40	22.48	22.57	22.17	22.54		
20	16QAM	50	50	22.35	22.56	22.50	22.10	22.50		
20	16QAM	100	0	22.10	22.52	22.51	22.10	22.57		
20	64QAM	1	0	22.53	22.47	22.55	22.48	22.52	23.6	0
20	64QAM	1	49	22.36	22.53	22.56	22.06	22.49		
20	64QAM	1	99	22.53	22.56	22.56	22.21	22.54		
20	64QAM	50	0	22.16	22.55	22.57	22.38	22.54	23.6	0
20	64QAM	50	24	22.42	22.51	22.49	22.42	22.52		
20	64QAM	50	50	22.46	22.57	22.57	22.27	22.56		
20	64QAM	100	0	22.27	22.49	22.56	22.24	22.52		
20	256QAM	1	0	20.53	20.35	20.85	20.80	20.67	21.8	1.8
20	256QAM	1	49	20.77	20.20	20.81	20.48	20.58		
20	256QAM	1	99	20.72	20.80	20.73	20.52	20.51		
20	256QAM	50	0	20.70	20.86	20.71	20.62	20.52	21.8	1.8
20	256QAM	50	24	20.74	20.82	20.65	20.61	20.45		
20	256QAM	50	50	20.68	20.76	20.66	20.67	20.47		
20	256QAM	100	0	20.71	20.81	20.65	20.61	20.45		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.64	22.78	22.59	22.55	22.40	23.60	0
15	QPSK	1	37	22.52	22.60	22.43	22.32	22.33		
15	QPSK	1	74	22.52	22.59	22.67	22.37	22.29		
15	QPSK	36	0	22.70	22.79	22.69	22.48	22.38	23.6	0
15	QPSK	36	20	22.66	22.58	22.58	22.43	22.37		
15	QPSK	36	39	22.52	22.67	22.54	22.13	22.44		
15	QPSK	75	0	22.60	22.69	22.52	22.15	22.46		
15	16QAM	1	0	22.39	22.27	22.20	22.19	22.29	23.6	0
15	16QAM	1	37	22.42	22.29	22.29	22.24	22.34		
15	16QAM	1	74	22.20	22.39	22.19	22.33	22.43		
15	16QAM	36	0	22.08	22.35	22.33	22.10	22.33	23.6	0
15	16QAM	36	20	22.32	22.36	22.47	22.04	22.39		
15	16QAM	36	39	22.24	22.50	22.41	22.03	22.26		
15	16QAM	75	0	21.91	22.38	22.42	21.92	22.36		
15	64QAM	1	0	22.30	22.31	22.32	22.35	22.38	23.6	0
15	64QAM	1	37	22.24	22.40	22.40	21.90	22.28		
15	64QAM	1	74	22.39	22.37	22.45	22.00	22.36		
15	64QAM	36	0	22.05	22.34	22.52	22.16	22.42	23.6	0
15	64QAM	36	20	22.27	22.28	22.33	22.22	22.31		
15	64QAM	36	39	22.39	22.45	22.44	22.08	22.51		
15	64QAM	75	0	22.17	22.37	22.32	22.07	22.34		
15	256QAM	1	0	20.82	20.80	20.82	20.77	20.82	21.8	1.8
15	256QAM	1	37	20.64	20.67	20.71	20.77	20.78		
15	256QAM	1	74	20.77	20.82	20.76	20.77	20.79		
15	256QAM	36	0	20.81	20.82	20.79	20.74	20.83	21.8	1.8
15	256QAM	36	20	20.70	20.73	20.74	20.69	20.68		
15	256QAM	36	39	20.73	20.70	20.73	20.75	20.69		
15	256QAM	75	0	20.69	20.67	20.74	20.69	20.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.73	22.82	22.75	22.66	22.69	23.60	0
10	QPSK	1	25	22.58	22.86	22.65	22.42	22.52		
10	QPSK	1	49	22.54	22.73	22.67	22.50	22.38		
10	QPSK	25	0	22.82	22.79	22.71	22.65	22.67	23.6	0
10	QPSK	25	12	22.70	22.79	22.71	22.53	22.55		
10	QPSK	25	25	22.66	22.74	22.78	22.42	22.47		
10	QPSK	50	0	22.67	22.68	22.60	22.24	22.53		
10	16QAM	1	0	22.42	22.42	22.42	22.25	22.46	23.6	0
10	16QAM	1	25	22.34	22.37	22.24	22.20	22.26		
10	16QAM	1	49	22.23	22.22	22.12	22.38	22.42		
10	16QAM	25	0	21.97	22.28	22.26	21.89	22.28	23.6	0
10	16QAM	25	12	22.18	22.35	22.30	21.87	22.25		
10	16QAM	25	25	22.18	22.28	22.27	21.79	22.38		
10	16QAM	50	0	21.82	22.28	22.25	21.88	22.42		
10	64QAM	1	0	22.23	22.19	22.36	22.25	22.35	23.6	0
10	64QAM	1	25	22.21	22.31	22.44	21.80	22.22		
10	64QAM	1	49	22.40	22.43	22.32	21.99	22.49		
10	64QAM	25	0	22.11	22.47	22.50	22.27	22.41	23.6	0
10	64QAM	25	12	22.32	22.28	22.38	22.22	22.43		
10	64QAM	25	25	22.31	22.34	22.42	22.16	22.35		
10	64QAM	50	0	22.13	22.29	22.45	22.01	22.47		
10	256QAM	1	0	20.96	20.82	20.89	20.84	20.88	21.8	1.8
10	256QAM	1	25	20.78	20.77	20.83	20.90	20.84		
10	256QAM	1	49	20.90	20.88	20.86	20.89	20.81		
10	256QAM	25	0	20.74	20.76	20.80	20.77	20.83	21.8	1.8
10	256QAM	25	12	20.89	20.86	20.84	20.87	20.79		
10	256QAM	25	25	20.83	20.85	20.86	20.80	20.79		
10	256QAM	50	0	20.84	20.92	20.86	20.89	20.85		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.64	22.83	22.67	22.42	22.45	23.60	0
5	QPSK	1	12	22.57	22.67	22.53	22.47	22.32		
5	QPSK	1	24	22.66	22.71	22.66	22.37	22.48		
5	QPSK	12	0	22.62	22.77	22.67	22.49	22.49	23.6	0
5	QPSK	12	7	22.68	22.67	22.63	22.48	22.37		
5	QPSK	12	13	22.64	22.60	22.57	22.18	22.44		
5	QPSK	25	0	22.62	22.68	22.58	22.30	22.32		
5	16QAM	1	0	22.42	22.31	22.25	22.23	22.38	23.6	0
5	16QAM	1	12	22.48	22.46	22.23	22.26	22.33		
5	16QAM	1	24	22.24	22.31	22.38	22.36	22.34		
5	16QAM	12	0	22.13	22.24	22.31	22.00	22.43	23.6	0
5	16QAM	12	7	22.20	22.32	22.48	22.04	22.40		
5	16QAM	12	13	22.33	22.51	22.41	22.04	22.38		
5	16QAM	25	0	21.96	22.50	22.35	22.09	22.47		
5	64QAM	1	0	22.36	22.35	22.34	22.38	22.47	23.6	0
5	64QAM	1	12	22.21	22.48	22.48	22.05	22.47		
5	64QAM	1	24	22.46	22.36	22.55	22.08	22.49		
5	64QAM	12	0	22.01	22.34	22.52	22.36	22.41	23.6	0
5	64QAM	12	7	22.37	22.35	22.46	22.35	22.44		
5	64QAM	12	13	22.40	22.43	22.40	22.06	22.45		
5	64QAM	25	0	22.07	22.44	22.47	22.05	22.34		
5	256QAM	1	0	20.95	21.00	20.93	20.89	20.94	21.8	1.8
5	256QAM	1	12	20.93	20.91	20.94	20.92	20.87		
5	256QAM	1	24	20.90	20.92	20.90	20.95	20.87		
5	256QAM	12	0	20.82	20.86	20.88	20.86	20.83	21.8	1.8
5	256QAM	12	7	20.80	20.78	20.82	20.81	20.86		
5	256QAM	12	13	20.88	20.84	20.85	20.86	20.92		
5	256QAM	25	0	20.75	20.74	20.80	20.75	20.77		

Band 48_ANT 5(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3580	3609	3641	3690		
20	QPSK	1	0	21.37	21.48	21.38	21.34	22	0
20	QPSK	1	49	21.34	21.36	21.36	21.31		
20	QPSK	1	99	21.29	21.41	21.33	21.31		
20	QPSK	50	0	21.43	21.47	21.46	21.39	22	0
20	QPSK	50	24	21.40	21.42	21.44	21.33		
20	QPSK	50	50	21.36	21.40	21.37	21.34		
20	QPSK	100	0	21.43	21.46	21.45	21.42		
20	16QAM	1	0	21.02	20.95	20.88	21.00	22	0
20	16QAM	1	49	20.91	21.03	20.78	20.82		
20	16QAM	1	99	20.95	20.97	20.98	20.95		
20	16QAM	50	0	21.05	21.00	20.79	21.08	22	0
20	16QAM	50	24	20.81	21.08	20.85	20.87		
20	16QAM	50	50	20.89	21.08	21.02	20.76		
20	16QAM	100	0	21.01	20.96	21.09	20.92		
20	64QAM	1	0	20.96	21.08	20.75	21.03	22	0
20	64QAM	1	49	20.81	20.97	20.72	20.79		
20	64QAM	1	99	20.94	21.06	21.01	20.94		
20	64QAM	50	0	21.11	20.96	20.87	21.05	21.8	0.2
20	64QAM	50	24	21.05	21.11	20.92	20.97		
20	64QAM	50	50	20.83	21.05	20.77	20.81		
20	64QAM	100	0	21.02	21.10	20.93	20.82		
20	256QAM	1	0	18.60	18.61	18.36	18.39	19.8	2.2
20	256QAM	1	49	18.60	18.58	18.38	18.40		
20	256QAM	1	99	18.53	18.63	18.44	18.49		
20	256QAM	50	0	18.61	18.64	18.38	18.42	19.8	2.2
20	256QAM	50	24	18.58	18.64	18.39	18.49		
20	256QAM	50	50	18.55	18.62	18.36	18.40		
20	256QAM	100	0	18.61	18.59	18.38	18.46		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.08	21.03	20.83	20.91	22	0
15	QPSK	1	37	21.04	21.01	20.90	20.87		
15	QPSK	1	74	21.07	21.05	20.88	20.80		
15	QPSK	36	0	21.00	20.98	20.92	20.81	22	0
15	QPSK	36	20	20.97	21.02	20.84	20.78		
15	QPSK	36	39	20.94	21.13	20.71	20.79		
15	QPSK	75	0	21.07	21.08	20.85	20.78		
15	16QAM	1	0	20.98	20.97	20.86	20.90	22	0
15	16QAM	1	37	20.95	21.11	20.99	20.89		
15	16QAM	1	74	20.97	21.07	20.93	20.78		
15	16QAM	36	0	21.03	21.05	20.74	20.77	22	0
15	16QAM	36	20	21.07	21.18	20.81	20.91		
15	16QAM	36	39	20.89	20.97	20.71	20.89		
15	16QAM	75	0	21.01	20.96	20.87	20.92		
15	64QAM	1	0	21.11	21.15	20.73	20.92	22	0
15	64QAM	1	37	21.14	21.04	20.73	20.89		
15	64QAM	1	74	21.04	21.13	20.96	20.87		
15	64QAM	36	0	21.08	21.17	20.84	20.85	21.8	0.2
15	64QAM	36	20	20.90	21.04	20.99	20.78		
15	64QAM	36	39	21.08	20.92	20.72	20.86		
15	64QAM	75	0	20.93	21.03	20.91	20.92		
15	256QAM	1	0	18.57	18.56	18.40	18.40	19.8	2.2
15	256QAM	1	37	18.65	18.56	18.32	18.46		
15	256QAM	1	74	18.55	18.63	18.38	18.44		
15	256QAM	36	0	18.66	18.58	18.32	18.40	19.8	2.2
15	256QAM	36	20	18.57	18.59	18.39	18.43		
15	256QAM	36	39	18.52	18.68	18.32	18.43		
15	256QAM	75	0	18.60	18.64	18.32	18.48		
Channel				55295	55815	56165	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.20	21.11	20.86	20.83	22	0
10	QPSK	1	25	21.09	21.03	20.78	20.80		
10	QPSK	1	49	20.85	21.00	20.87	20.93		
10	QPSK	25	0	20.98	21.14	20.99	20.92	22	0
10	QPSK	25	12	20.93	21.15	20.86	20.87		
10	QPSK	25	25	21.11	21.18	20.64	20.80		
10	QPSK	50	0	21.11	21.06	20.89	20.90		
10	16QAM	1	0	21.01	20.93	20.73	20.75	22	0
10	16QAM	1	25	21.11	20.97	20.96	20.74		
10	16QAM	1	49	21.04	20.98	20.85	20.87		
10	16QAM	25	0	20.90	21.01	20.61	20.69	22	0
10	16QAM	25	12	21.00	21.09	20.83	20.94		
10	16QAM	25	25	20.84	21.01	20.74	20.95		
10	16QAM	50	0	21.01	21.06	20.86	20.98		
10	64QAM	1	0	21.06	21.07	20.77	20.86	22	0
10	64QAM	1	25	21.12	20.95	20.84	20.88		
10	64QAM	1	49	21.01	21.08	20.95	20.79		
10	64QAM	25	0	20.96	21.09	20.79	20.80	21.8	0.2
10	64QAM	25	12	20.97	21.01	20.94	20.86		
10	64QAM	25	25	21.15	21.11	20.82	20.99		
10	64QAM	50	0	20.93	21.12	20.83	20.95		
10	256QAM	1	0	18.61	18.51	18.40	18.38	19.8	2.2
10	256QAM	1	25	18.70	18.56	18.34	18.48		
10	256QAM	1	49	18.56	18.68	18.33	18.48		
10	256QAM	25	0	18.66	18.53	18.33	18.35	19.8	2.2
10	256QAM	25	12	18.53	18.65	18.40	18.38		
10	256QAM	25	25	18.48	18.66	18.33	18.38		
10	256QAM	50	0	18.65	18.67	18.36	18.43		
Channel				55245	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.15	20.96	20.91	20.89	22	0
5	QPSK	1	12	21.06	20.88	20.81	20.84		
5	QPSK	1	24	20.92	21.11	20.90	20.83		
5	QPSK	12	0	20.92	21.01	21.02	20.87	22	0
5	QPSK	12	7	20.79	21.14	20.74	20.87		
5	QPSK	12	13	21.04	21.21	20.69	20.85		
5	QPSK	25	0	20.94	20.98	20.74	20.96		
5	16QAM	1	0	20.99	20.92	20.75	20.75	22	0
5	16QAM	1	12	21.07	21.04	20.76	20.85		
5	16QAM	1	24	21.08	20.94	20.75	20.92		
5	16QAM	12	0	21.06	21.09	20.81	20.69	22	0
5	16QAM	12	7	21.09	20.98	20.73	20.93		
5	16QAM	12	13	20.93	21.14	20.69	20.87		
5	16QAM	25	0	20.87	21.09	21.01	20.89		
5	64QAM	1	0	21.11	21.05	20.83	21.08	22	0
5	64QAM	1	12	20.92	21.01	20.82	20.87		
5	64QAM	1	24	20.93	21.06	20.88	20.71		
5	64QAM	12	0	20.97	21.06	20.84	20.72	21.8	0.2
5	64QAM	12	7	20.92	21.07	20.87	20.69		
5	64QAM	12	13	21.06	21.17	20.79	20.97		
5	64QAM	25	0	20.97	21.01	21.06	20.79		
5	256QAM	1	0	18.60	18.47	18.40	18.32	19.8	2.2
5	256QAM	1	12	18.69	18.52	18.34	18.53		
5	256QAM	1	24	18.61	18.64	18.38	18.53		
5	256QAM	12	0	18.66	18.55	18.37	18.35	19.8	2.2
5	256QAM	12	7	18.47	18.60	18.44	18.42		
5	256QAM	12	13	18.50	18.65	18.34	18.40		
5	256QAM	25	0	18.64	18.70	18.40	18.45		

Band 48_ANT 10(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3580	3609	3641	3690		
20	QPSK	1	0	16.46	16.49	16.39	16.42	17.3	0
20	QPSK	1	49	16.38	16.34	16.35	16.36		
20	QPSK	1	99	16.34	16.32	16.31	16.35		
20	QPSK	50	0	16.37	16.41	16.40	16.35	17.3	0
20	QPSK	50	24	16.32	16.36	16.38	16.34		
20	QPSK	50	50	16.32	16.31	16.30	16.33		
20	QPSK	100	0	16.38	16.40	16.36	16.30		
20	16QAM	1	0	16.19	16.01	16.13	15.93	17.3	0
20	16QAM	1	49	16.33	15.91	15.96	15.90		
20	16QAM	1	99	16.08	16.18	16.01	15.97		
20	16QAM	50	0	16.19	16.29	15.95	15.87	17.3	0
20	16QAM	50	24	15.88	16.22	15.92	15.97		
20	16QAM	50	50	16.04	16.15	15.90	16.01		
20	16QAM	100	0	16.00	16.25	15.93	16.19		
20	64QAM	1	0	16.14	16.10	15.83	15.93	17.3	0
20	64QAM	1	49	16.14	16.00	16.05	15.86		
20	64QAM	1	99	16.04	16.06	15.91	15.95		
20	64QAM	50	0	16.01	16.06	15.83	15.76	17.3	0
20	64QAM	50	24	16.13	16.05	15.78	16.27		
20	64QAM	50	50	15.80	16.13	15.78	15.99		
20	64QAM	100	0	15.95	16.15	16.17	16.05		
20	256QAM	1	0	16.15	16.26	15.98	16.09	17.3	0
20	256QAM	1	49	16.09	16.02	16.07	15.83		
20	256QAM	1	99	16.29	16.30	16.04	15.89		
20	256QAM	50	0	16.27	16.14	15.95	15.92	17.3	0
20	256QAM	50	24	16.06	16.05	16.10	15.92		
20	256QAM	50	50	16.09	16.12	15.96	16.07		
20	256QAM	100	0	16.10	16.01	16.26	15.85		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.15	16.14	16.12	16.02	17.3	0
15	QPSK	1	37	16.35	15.90	15.99	15.90		
15	QPSK	1	74	15.95	16.05	16.02	15.83		
15	QPSK	36	0	16.26	16.29	15.92	16.01	17.3	0
15	QPSK	36	20	15.95	16.19	15.79	15.96		
15	QPSK	36	39	16.04	16.24	15.89	15.94		
15	QPSK	75	0	16.08	16.20	15.96	16.14		
15	16QAM	1	0	16.05	16.10	15.99	15.95	17.3	0
15	16QAM	1	37	16.14	16.13	15.95	15.81		
15	16QAM	1	74	16.06	15.92	16.00	15.99		
15	16QAM	36	0	16.12	16.04	15.83	15.66	17.3	0
15	16QAM	36	20	16.07	15.93	15.96	16.25		
15	16QAM	36	39	15.92	16.16	15.87	15.93		
15	16QAM	75	0	16.05	16.26	16.04	16.15		
15	64QAM	1	0	16.22	16.14	16.08	16.06	17.3	0
15	64QAM	1	37	16.15	16.14	15.99	15.80		
15	64QAM	1	74	16.31	16.24	16.06	15.89		
15	64QAM	36	0	16.18	16.28	15.94	15.98	17.3	0
15	64QAM	36	20	16.25	16.05	16.01	15.87		
15	64QAM	36	39	16.13	16.26	15.97	16.10		
15	64QAM	75	0	16.17	16.14	16.19	15.90		
15	256QAM	1	0	16.25	16.23	16.13	16.11	17.3	0
15	256QAM	1	37	16.01	16.10	15.97	15.78		
15	256QAM	1	74	16.16	16.19	16.15	15.91		
15	256QAM	36	0	16.19	16.22	15.91	15.98	17.3	0
15	256QAM	36	20	16.25	16.11	16.01	15.88		
15	256QAM	36	39	16.19	16.25	15.92	16.12		
15	256QAM	75	0	16.15	16.15	16.21	15.82		
Channel				55295	55815	56165	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.23	16.01	15.93	15.98	17.3	0
10	QPSK	1	25	16.35	15.94	16.04	15.85		
10	QPSK	1	49	15.93	16.11	16.16	15.78		
10	QPSK	25	0	16.25	16.18	15.87	15.82	17.3	0
10	QPSK	25	12	15.91	16.11	15.97	15.92		
10	QPSK	25	25	16.08	16.20	15.81	16.12		
10	QPSK	50	0	16.02	16.24	15.86	16.10		
10	16QAM	1	0	16.14	16.02	15.91	15.86	17.3	0
10	16QAM	1	25	16.13	16.02	16.00	15.80		
10	16QAM	1	49	16.22	16.05	16.00	16.01		
10	16QAM	25	0	16.04	16.14	15.87	15.65	17.3	0
10	16QAM	25	12	16.15	16.13	15.98	16.10		
10	16QAM	25	25	15.91	16.11	15.80	15.93		
10	16QAM	50	0	15.97	16.19	16.14	15.99		
10	64QAM	1	0	16.05	16.30	16.09	16.25	17.3	0
10	64QAM	1	25	16.18	16.21	16.03	15.85		
10	64QAM	1	49	16.26	16.24	16.08	16.05		
10	64QAM	25	0	16.20	16.14	15.83	16.10	17.3	0
10	64QAM	25	12	16.12	16.08	16.06	15.96		
10	64QAM	25	25	16.13	16.22	16.11	16.01		
10	64QAM	50	0	16.09	16.12	16.09	15.80		
10	256QAM	1	0	16.05	16.29	16.09	16.23	17.3	0
10	256QAM	1	25	16.16	16.08	16.05	15.78		
10	256QAM	1	49	16.23	16.18	16.19	16.04		
10	256QAM	25	0	16.33	16.20	15.89	15.92	17.3	0
10	256QAM	25	12	16.23	15.99	16.17	15.98		
10	256QAM	25	25	16.13	16.28	16.09	16.01		
10	256QAM	50	0	16.01	16.16	16.07	15.84		
Channel				55245	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.09	16.05	15.94	16.05	17.3	0
5	QPSK	1	12	16.32	15.92	16.03	15.94		
5	QPSK	1	24	15.93	16.18	16.05	15.77		
5	QPSK	12	0	16.18	16.13	15.99	15.94	17.3	0
5	QPSK	12	7	15.98	16.13	15.86	15.87		
5	QPSK	12	13	16.17	16.12	15.86	16.10		
5	QPSK	25	0	16.11	16.25	15.93	16.04		
5	16QAM	1	0	16.12	16.09	16.03	15.96	17.3	0
5	16QAM	1	12	16.14	16.02	16.05	15.77		
5	16QAM	1	24	16.12	15.94	15.85	15.90		
5	16QAM	12	0	16.06	15.99	15.86	15.80	17.3	0
5	16QAM	12	7	16.12	16.06	15.96	16.11		
5	16QAM	12	13	15.94	16.17	15.94	15.90		
5	16QAM	25	0	15.92	16.15	16.17	16.00		
5	64QAM	1	0	16.10	16.25	16.03	16.26	17.3	0
5	64QAM	1	12	16.16	16.11	16.11	15.86		
5	64QAM	1	24	16.13	16.26	16.15	16.07		
5	64QAM	12	0	16.13	16.09	15.94	15.98	17.3	0
5	64QAM	12	7	16.14	16.13	16.14	16.00		
5	64QAM	12	13	16.08	16.20	15.99	16.06		
5	64QAM	25	0	16.17	16.15	16.25	15.93		
5	256QAM	1	0	16.06	16.28	16.04	16.15	17.3	0
5	256QAM	1	12	16.02	16.13	15.95	15.79		
5	256QAM	1	24	16.24	16.30	16.06	15.89		
5	256QAM	12	0	16.33	16.11	15.86	16.01	17.3	0
5	256QAM	12	7	16.16	15.97	16.04	15.93		
5	256QAM	12	13	16.09	16.13	15.91	16.15		
5	256QAM	25	0	16.06	16.02	16.10	15.93		

Band 38_ANT 2(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.14	21.93	21.90	23	0
20	QPSK	1	49	22.11	21.91	21.83		
20	QPSK	1	99	21.70	21.72	21.68		
20	QPSK	50	0	22.13	21.88	21.90	23	0
20	QPSK	50	24	22.10	21.84	21.89		
20	QPSK	50	50	22.12	21.87	21.85		
20	QPSK	100	0	22.07	21.77	21.84		
20	16QAM	1	0	22.06	22.01	21.78	23	0
20	16QAM	1	49	21.76	21.76	21.91		
20	16QAM	1	99	22.00	21.80	21.83		
20	16QAM	50	0	21.48	21.26	21.30	22.3	0.7
20	16QAM	50	24	21.48	21.21	21.35		
20	16QAM	50	50	21.45	21.29	21.31		
20	16QAM	100	0	21.43	21.20	21.28		
20	64QAM	1	0	21.61	21.34	21.21	22.3	0.7
20	64QAM	1	49	21.24	20.93	21.07		
20	64QAM	1	99	21.62	21.26	21.56		
20	64QAM	50	0	20.36	20.12	20.26	21.3	1.7
20	64QAM	50	24	20.57	20.26	20.37		
20	64QAM	50	50	20.50	20.31	20.32		
20	64QAM	100	0	20.52	20.21	20.31		
20	256QAM	1	0	18.58	18.57	18.56	19.3	3.7
20	256QAM	1	49	18.69	18.58	18.54		
20	256QAM	1	99	18.57	18.51	18.55		
20	256QAM	50	0	18.64	18.61	18.56	19.3	3.7
20	256QAM	50	24	18.73	18.60	18.57		
20	256QAM	50	50	18.63	18.62	18.60		
20	256QAM	100	0	18.67	18.55	18.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.04	21.85	21.80	23	0
15	QPSK	1	37	21.90	21.82	21.81		
15	QPSK	1	74	21.68	21.58	21.50		
15	QPSK	36	0	22.00	21.85	21.81	23	0
15	QPSK	36	20	21.91	21.79	21.85		
15	QPSK	36	39	21.93	21.72	21.64		
15	QPSK	75	0	22.04	21.60	21.73		
15	16QAM	1	0	21.89	21.95	21.74	23	0
15	16QAM	1	37	21.69	21.55	21.83		
15	16QAM	1	74	21.82	21.75	21.81		
15	16QAM	36	0	21.27	21.23	21.25	22.3	0.7
15	16QAM	36	20	21.39	21.13	21.29		
15	16QAM	36	39	21.32	21.20	21.22		
15	16QAM	75	0	21.30	20.98	21.06		
15	64QAM	1	0	21.40	21.22	21.12	22.3	0.7
15	64QAM	1	37	21.05	20.75	20.89		
15	64QAM	1	74	21.43	21.21	21.46		
15	64QAM	36	0	20.23	20.00	20.06	21.3	1.7
15	64QAM	36	20	20.46	20.16	20.29		
15	64QAM	36	39	20.43	20.19	20.23		
15	64QAM	75	0	20.42	20.04	20.16		
15	256QAM	1	0	18.53	18.53	18.51	19.3	3.7
15	256QAM	1	37	18.52	18.54	18.52		
15	256QAM	1	74	18.52	18.54	18.53		
15	256QAM	36	0	18.51	18.53	18.49	19.3	3.7
15	256QAM	36	20	18.55	18.56	18.57		
15	256QAM	36	39	18.57	18.57	18.55		
15	256QAM	75	0	18.51	18.53	18.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.08	21.90	21.81	23	0
10	QPSK	1	25	22.06	21.85	21.80		
10	QPSK	1	49	21.50	21.51	21.60		
10	QPSK	25	0	21.94	21.67	21.84	23	0
10	QPSK	25	12	22.02	21.67	21.76		
10	QPSK	25	25	21.97	21.85	21.76		
10	QPSK	50	0	21.97	21.69	21.65		
10	16QAM	1	0	21.94	21.93	21.71	23	0
10	16QAM	1	25	21.68	21.61	21.70		
10	16QAM	1	49	21.87	21.61	21.70		
10	16QAM	25	0	21.34	21.17	21.27	22.3	0.7
10	16QAM	25	12	21.41	21.08	21.23		
10	16QAM	25	25	21.40	21.16	21.19		
10	16QAM	50	0	21.40	21.18	21.25		
10	64QAM	1	0	21.58	21.13	21.02	22.3	0.7
10	64QAM	1	25	21.20	20.89	21.05		
10	64QAM	1	49	21.51	21.11	21.41		
10	64QAM	25	0	20.25	19.98	20.08	21.3	1.7
10	64QAM	25	12	20.52	20.05	20.15		
10	64QAM	25	25	20.37	20.25	20.12		
10	64QAM	50	0	20.38	20.05	20.13		
10	256QAM	1	0	18.71	18.67	18.63	19.3	3.7
10	256QAM	1	25	18.76	18.71	18.66		
10	256QAM	1	49	18.68	18.68	18.73		
10	256QAM	25	0	18.73	18.69	18.73	19.3	3.7
10	256QAM	25	12	18.68	18.63	18.61		
10	256QAM	25	25	18.67	18.67	18.70		
10	256QAM	50	0	18.71	18.66	18.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.06	21.83	21.68	23	0
5	QPSK	1	12	21.90	21.78	21.80		
5	QPSK	1	24	21.49	21.59	21.59		
5	QPSK	12	0	21.98	21.70	21.74	23	0
5	QPSK	12	7	22.06	21.75	21.72		
5	QPSK	12	13	22.07	21.79	21.67		
5	QPSK	25	0	21.94	21.59	21.69		
5	16QAM	1	0	21.90	21.93	21.67	23	0
5	16QAM	1	12	21.65	21.73	21.83		
5	16QAM	1	24	21.94	21.66	21.68		
5	16QAM	12	0	21.28	21.24	21.09	22.3	0.7
5	16QAM	12	7	21.31	21.10	21.13		
5	16QAM	12	13	21.28	21.26	21.25		
5	16QAM	25	0	21.26	21.15	21.21		
5	64QAM	1	0	21.42	21.13	21.15	22.3	0.7
5	64QAM	1	12	21.14	20.88	20.94		
5	64QAM	1	24	21.54	21.10	21.48		
5	64QAM	12	0	20.16	20.09	20.14	21.3	1.7
5	64QAM	12	7	20.49	20.13	20.24		
5	64QAM	12	13	20.37	20.22	20.26		
5	64QAM	25	0	20.50	20.15	20.12		
5	256QAM	1	0	18.64	18.60	18.60	19.3	3.7
5	256QAM	1	12	18.71	18.66	18.62		
5	256QAM	1	24	18.64	18.62	18.57		
5	256QAM	12	0	18.65	18.67	18.63	19.3	3.7
5	256QAM	12	7	18.61	18.60	18.58		
5	256QAM	12	13	18.60	18.62	18.61		
5	256QAM	25	0	18.61	18.66	18.64		

Band 41_ANT 2(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.03	22.23	21.97	21.98	21.98	23	0
20	QPSK	1	49	21.56	22.09	21.83	21.64	21.65		
20	QPSK	1	99	21.45	22.18	21.86	21.80	21.59		
20	QPSK	50	0	21.98	22.23	21.97	21.90	21.89	23	0
20	QPSK	50	24	21.94	22.17	21.85	21.80	21.74		
20	QPSK	50	50	21.79	22.03	21.93	21.87	21.85		
20	QPSK	100	0	21.87	22.15	21.78	21.84	21.76		
20	16QAM	1	0	22.05	21.53	21.93	21.74	21.83	23	0
20	16QAM	1	49	21.79	21.85	21.58	21.72	21.53		
20	16QAM	1	99	21.96	21.94	22.03	21.74	21.81		
20	16QAM	50	0	21.59	21.98	21.84	21.53	21.67	22.8	0.2
20	16QAM	50	24	21.78	22.01	21.82	21.41	21.56		
20	16QAM	50	50	21.77	22.00	21.94	21.36	21.72		
20	16QAM	100	0	21.68	22.07	21.73	21.42	21.73		
20	64QAM	1	0	21.54	21.92	21.30	21.72	21.49	22.8	0.2
20	64QAM	1	49	21.44	21.76	21.45	21.09	21.65		
20	64QAM	1	99	21.37	22.05	21.46	20.83	21.61		
20	64QAM	50	0	20.67	20.97	20.71	20.72	20.64	21.8	1.2
20	64QAM	50	24	20.85	21.16	20.75	20.55	20.59		
20	64QAM	50	50	20.82	21.07	20.88	20.47	20.70		
20	64QAM	100	0	20.79	21.06	20.83	20.55	20.63		
20	256QAM	1	0	18.67	18.65	18.65	18.62	18.49	19.8	3.2
20	256QAM	1	49	18.61	18.64	18.61	18.57	18.40		
20	256QAM	1	99	18.55	18.56	18.59	18.56	18.33		
20	256QAM	50	0	18.65	18.79	18.70	18.62	18.46	19.8	3.2
20	256QAM	50	24	18.71	18.81	18.65	18.62	18.39		
20	256QAM	50	50	18.66	18.74	18.65	18.61	18.43		
20	256QAM	100	0	18.70	18.79	18.63	18.59	18.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.94	22.08	21.75	21.81	21.94	23.00	0
15	QPSK	1	37	21.42	21.87	21.61	21.61	21.44		
15	QPSK	1	74	21.23	22.03	21.77	21.65	21.55		
15	QPSK	36	0	21.79	22.17	21.81	21.72	21.83	23	0
15	QPSK	36	20	21.89	22.05	21.75	21.68	21.71		
15	QPSK	36	39	21.65	22.00	21.72	21.73	21.81		
15	QPSK	75	0	21.69	21.96	21.63	21.65	21.67		
15	16QAM	1	0	21.90	21.42	21.80	21.67	21.79	23	0
15	16QAM	1	37	21.71	21.82	21.50	21.54	21.42		
15	16QAM	1	74	21.84	21.86	22.00	21.54	21.61		
15	16QAM	36	0	21.40	21.90	21.74	21.42	21.50	22.8	0.2
15	16QAM	36	20	21.65	21.86	21.61	21.32	21.51		
15	16QAM	36	39	21.73	21.82	21.91	21.19	21.51		
15	16QAM	75	0	21.57	21.87	21.65	21.28	21.59		
15	64QAM	1	0	21.44	21.83	21.27	21.57	21.27	22.8	0.2
15	64QAM	1	37	21.41	21.64	21.43	21.44	21.55		
15	64QAM	1	74	21.34	21.93	21.29	21.21	21.56		
15	64QAM	36	0	20.47	20.88	20.49	20.63	20.53	21.8	1.2
15	64QAM	36	20	20.67	20.97	20.72	20.44	20.55		
15	64QAM	36	39	20.65	20.96	20.67	20.44	20.51		
15	64QAM	75	0	20.75	20.96	20.64	20.49	20.57		
15	256QAM	1	0	18.61	18.58	18.62	18.66	18.60	19.8	3.2
15	256QAM	1	37	18.58	18.53	18.56	18.62	18.62		
15	256QAM	1	74	18.62	18.59	18.56	18.60	18.51		
15	256QAM	36	0	18.61	18.61	18.63	18.59	18.63	19.8	3.2
15	256QAM	36	20	18.49	18.59	18.52	18.59	18.45		
15	256QAM	36	39	18.57	18.56	18.53	18.55	18.60		
15	256QAM	75	0	18.49	18.47	18.51	18.54	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.86	22.08	21.83	21.92	21.86	23.00	0
10	QPSK	1	25	21.38	21.89	21.75	21.56	21.53		
10	QPSK	1	49	21.40	21.97	21.69	21.76	21.50		
10	QPSK	25	0	21.78	22.03	21.82	21.73	21.70	23	0
10	QPSK	25	12	21.75	22.07	21.69	21.60	21.71		
10	QPSK	25	25	21.76	21.90	21.82	21.84	21.75		
10	QPSK	50	0	21.70	22.11	21.65	21.64	21.64		
10	16QAM	1	0	21.91	21.50	21.81	21.71	21.65	23	0
10	16QAM	1	25	21.58	21.76	21.56	21.67	21.49		
10	16QAM	1	49	21.90	21.92	21.85	21.62	21.64		
10	16QAM	25	0	21.51	21.88	21.69	21.44	21.56	22.8	0.2
10	16QAM	25	12	21.60	21.90	21.75	21.25	21.36		
10	16QAM	25	25	21.64	21.97	21.84	21.33	21.69		
10	16QAM	50	0	21.52	21.99	21.60	21.25	21.55		
10	64QAM	1	0	21.38	21.80	21.10	21.63	21.43	22.8	0.2
10	64QAM	1	25	21.38	21.61	21.26	21.36	21.55		
10	64QAM	1	49	21.22	22.01	21.41	21.17	21.58		
10	64QAM	25	0	20.63	20.92	20.65	20.55	20.62	21.8	1.2
10	64QAM	25	12	20.73	21.12	20.72	20.48	20.49		
10	64QAM	25	25	20.70	20.96	20.77	20.42	20.67		
10	64QAM	50	0	20.63	20.92	20.81	20.47	20.57		
10	256QAM	1	0	18.61	18.60	18.67	18.68	18.64	19.8	3.2
10	256QAM	1	25	18.70	18.70	18.66	18.59	18.72		
10	256QAM	1	49	18.66	18.64	18.65	18.71	18.62		
10	256QAM	25	0	18.69	18.67	18.65	18.66	18.63	19.8	3.2
10	256QAM	25	12	18.76	18.68	18.70	18.73	18.68		
10	256QAM	25	25	18.54	18.55	18.61	18.58	18.59		
10	256QAM	50	0	18.61	18.62	18.67	18.72	18.61		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.96	22.14	21.77	21.86	21.76	23.00	0
5	QPSK	1	12	21.37	21.89	21.73	21.62	21.47		
5	QPSK	1	24	21.34	22.08	21.70	21.77	21.43		
5	QPSK	12	0	21.80	22.09	21.86	21.87	21.82	23	0
5	QPSK	12	7	21.87	22.04	21.74	21.75	21.53		
5	QPSK	12	13	21.59	21.97	21.78	21.69	21.83		
5	QPSK	25	0	21.66	21.96	21.72	21.67	21.65		
5	16QAM	1	0	21.88	21.44	21.74	21.54	21.65	23	0
5	16QAM	1	12	21.74	21.70	21.43	21.59	21.48		
5	16QAM	1	24	21.77	21.79	21.89	21.62	21.72		
5	16QAM	12	0	21.39	21.85	21.78	21.40	21.51	22.8	0.2
5	16QAM	12	7	21.72	21.80	21.71	21.19	21.46		
5	16QAM	12	13	21.69	21.79	21.89	21.28	21.55		
5	16QAM	25	0	21.53	21.93	21.62	21.27	21.57		
5	64QAM	1	0	21.37	21.78	21.17	21.53	21.45	22.8	0.2
5	64QAM	1	12	21.36	21.68	21.30	21.29	21.52		
5	64QAM	1	24	21.21	22.00	21.43	21.05	21.59		
5	64QAM	12	0	20.65	20.92	20.52	20.70	20.62	21.8	1.2
5	64QAM	12	7	20.83	20.94	20.54	20.35	20.48		
5	64QAM	12	13	20.61	20.99	20.76	20.29	20.60		
5	64QAM	25	0	20.76	20.96	20.64	20.33	20.44		
5	256QAM	1	0	18.71	18.76	18.74	18.81	18.73	19.8	3.2
5	256QAM	1	12	18.63	18.60	18.62	18.65	18.59		
5	256QAM	1	24	18.65	18.74	18.71	18.70	18.73		
5	256QAM	12	0	18.56	18.62	18.63	18.56	18.63	19.8	3.2
5	256QAM	12	7	18.67	18.67	18.63	18.60	18.65		
5	256QAM	12	13	18.74	18.67	18.70	18.75	18.77		
5	256QAM	25	0	18.80	18.75	18.74	18.78	18.77		

Band 41-HPUE_ANT 2(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.89	23.94	23.82	23.64	23.70	24.6	0
20	QPSK	1	49	23.61	23.89	23.53	23.10	23.42		
20	QPSK	1	99	23.52	23.68	23.66	23.30	23.50		
20	QPSK	50	0	23.87	23.89	23.79	23.58	23.65	24.6	0
20	QPSK	50	24	23.58	23.57	23.75	23.32	23.54		
20	QPSK	50	50	23.38	23.38	23.76	23.46	23.62		
20	QPSK	100	0	23.64	23.83	23.68	23.57	23.59		
20	16QAM	1	0	23.41	23.24	23.41	23.31	23.54	24.6	0
20	16QAM	1	49	23.64	23.67	23.43	23.30	23.64		
20	16QAM	1	99	23.46	23.46	23.65	23.68	23.44		
20	16QAM	50	0	22.60	22.64	23.21	23.24	23.58	24.6	0
20	16QAM	50	24	22.82	22.68	23.15	23.12	23.68		
20	16QAM	50	50	22.98	22.91	23.01	23.04	23.63		
20	16QAM	100	0	22.72	22.69	23.12	22.98	22.86		
20	64QAM	1	0	22.99	23.06	23.23	23.58	23.68	24.6	0
20	64QAM	1	49	23.55	22.95	23.59	22.86	23.67		
20	64QAM	1	99	23.10	23.63	23.15	23.00	23.69		
20	64QAM	50	0	22.33	22.32	22.86	22.37	22.79	23.8	0.8
20	64QAM	50	24	22.87	22.38	22.76	22.60	22.78		
20	64QAM	50	50	22.69	22.65	22.60	22.84	22.72		
20	64QAM	100	0	22.86	22.36	22.78	22.65	22.65		
20	256QAM	1	0	20.53	20.35	20.85	20.80	20.67	21.8	2.8
20	256QAM	1	49	20.77	20.20	20.81	20.48	20.58		
20	256QAM	1	99	20.72	20.80	20.73	20.52	20.51		
20	256QAM	50	0	20.70	20.86	20.71	20.62	20.52	21.8	2.8
20	256QAM	50	24	20.74	20.82	20.65	20.61	20.45		
20	256QAM	50	50	20.68	20.76	20.66	20.67	20.47		
20	256QAM	100	0	20.71	20.81	20.65	20.61	20.45		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.81	23.87	23.79	23.57	23.49	24.60	0
15	QPSK	1	37	23.54	23.79	23.49	23.04	23.31		
15	QPSK	1	74	23.38	23.46	23.62	23.09	23.30		
15	QPSK	36	0	23.83	23.71	23.71	23.43	23.58	24.6	0
15	QPSK	36	20	23.53	23.50	23.57	23.14	23.42		
15	QPSK	36	39	23.27	23.16	23.74	23.40	23.56		
15	QPSK	75	0	23.53	23.61	23.65	23.54	23.41		
15	16QAM	1	0	23.23	23.14	23.19	23.17	23.35	24.6	0
15	16QAM	1	37	23.54	23.65	23.32	23.17	23.45		
15	16QAM	1	74	23.30	23.26	23.59	23.53	23.24		
15	16QAM	36	0	22.86	22.80	23.18	23.15	23.49	24.6	0
15	16QAM	36	20	22.72	22.86	23.08	22.92	23.66		
15	16QAM	36	39	22.95	22.82	22.85	23.00	23.44		
15	16QAM	75	0	22.86	22.61	22.95	22.96	22.82		
15	64QAM	1	0	22.85	23.00	23.02	23.56	23.53	24.6	0
15	64QAM	1	37	23.51	22.83	23.38	22.74	23.53		
15	64QAM	1	74	22.96	23.59	23.02	22.79	23.62		
15	64QAM	36	0	22.26	22.18	22.66	22.33	22.70	23.8	0.8
15	64QAM	36	20	22.82	22.16	22.87	22.85	22.74		
15	64QAM	36	39	22.88	22.86	22.83	22.81	22.62		
15	64QAM	75	0	22.73	22.30	22.65	22.86	22.81		
15	256QAM	1	0	20.82	20.80	20.82	20.77	20.82	21.8	2.8
15	256QAM	1	37	20.64	20.67	20.71	20.77	20.78		
15	256QAM	1	74	20.77	20.82	20.76	20.77	20.79		
15	256QAM	36	0	20.81	20.82	20.79	20.74	20.83	21.8	2.8
15	256QAM	36	20	20.70	20.73	20.74	20.69	20.68		
15	256QAM	36	39	20.73	20.70	20.73	20.75	20.69		
15	256QAM	75	0	20.69	20.67	20.74	20.69	20.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.86	23.73	23.71	23.52	23.53	24.60	0
10	QPSK	1	25	23.40	23.77	23.48	23.08	23.25		
10	QPSK	1	49	23.43	23.66	23.59	23.18	23.45		
10	QPSK	25	0	23.75	23.75	23.68	23.37	23.59	24.6	0
10	QPSK	25	12	23.54	23.43	23.67	23.28	23.49		
10	QPSK	25	25	23.17	23.25	23.73	23.36	23.45		
10	QPSK	50	0	23.43	23.67	23.64	23.48	23.52		
10	16QAM	1	0	23.39	23.19	23.28	23.20	23.38	24.6	0
10	16QAM	1	25	23.48	23.64	23.32	23.19	23.58		
10	16QAM	1	49	23.28	23.32	23.53	23.61	23.28		
10	16QAM	25	0	22.82	22.82	23.07	23.19	23.39	24.6	0
10	16QAM	25	12	22.69	22.89	22.94	23.01	23.62		
10	16QAM	25	25	22.78	22.79	22.93	22.92	23.59		
10	16QAM	50	0	22.66	22.87	22.91	22.76	22.76		
10	64QAM	1	0	22.89	22.91	23.07	23.55	23.55	24.6	0
10	64QAM	1	25	23.53	22.82	23.43	22.82	23.51		
10	64QAM	1	49	23.00	23.42	22.95	22.95	23.47		
10	64QAM	25	0	22.22	22.21	22.70	22.15	22.89	23.8	0.8
10	64QAM	25	12	22.65	22.19	22.86	22.86	22.70		
10	64QAM	25	25	22.66	22.82	22.83	22.73	22.81		
10	64QAM	50	0	22.67	22.27	22.60	22.80	22.84		
10	256QAM	1	0	20.96	20.82	20.89	20.84	20.88	21.8	2.8
10	256QAM	1	25	20.78	20.77	20.83	20.90	20.84		
10	256QAM	1	49	20.90	20.88	20.86	20.89	20.81		
10	256QAM	25	0	20.74	20.76	20.80	20.77	20.83	21.8	2.8
10	256QAM	25	12	20.89	20.86	20.84	20.87	20.79		
10	256QAM	25	25	20.83	20.85	20.86	20.80	20.79		
10	256QAM	50	0	20.84	20.92	20.86	20.89	20.85		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.81	23.90	23.70	23.53	23.56	24.60	0
5	QPSK	1	12	23.57	23.84	23.35	22.91	23.33		
5	QPSK	1	24	23.42	23.66	23.55	23.11	23.35		
5	QPSK	12	0	23.80	23.77	23.73	23.55	23.61	24.6	0
5	QPSK	12	7	23.39	23.40	23.65	23.22	23.32		
5	QPSK	12	13	23.29	23.34	23.72	23.37	23.40		
5	QPSK	25	0	23.46	23.74	23.63	23.53	23.46		
5	16QAM	1	0	23.38	23.10	23.23	23.16	23.43	24.6	0
5	16QAM	1	12	23.57	23.56	23.37	23.15	23.57		
5	16QAM	1	24	23.32	23.27	23.48	23.54	23.29		
5	16QAM	12	0	22.83	22.82	23.17	23.07	23.51	24.6	0
5	16QAM	12	7	22.66	22.66	22.94	23.00	23.55		
5	16QAM	12	13	22.93	22.73	22.82	22.83	23.61		
5	16QAM	25	0	22.61	22.84	23.01	22.89	22.69		
5	64QAM	1	0	22.97	22.90	23.21	23.48	23.60	24.6	0
5	64QAM	1	12	23.38	22.89	23.48	22.65	23.53		
5	64QAM	1	24	23.00	23.45	23.06	22.88	23.59		
5	64QAM	12	0	22.23	22.22	22.79	22.30	22.60	23.8	0.8
5	64QAM	12	7	22.68	22.29	22.63	22.87	22.65		
5	64QAM	12	13	22.67	22.89	22.80	22.65	22.84		
5	64QAM	25	0	22.78	22.28	22.63	22.85	22.86		
5	256QAM	1	0	20.95	21.00	20.93	20.89	20.94	21.8	2.8
5	256QAM	1	12	20.93	20.91	20.94	20.92	20.87		
5	256QAM	1	24	20.90	20.92	20.90	20.95	20.87		
5	256QAM	12	0	20.82	20.86	20.88	20.86	20.83	21.8	2.8
5	256QAM	12	7	20.80	20.78	20.82	20.81	20.86		
5	256QAM	12	13	20.88	20.84	20.85	20.86	20.92		
5	256QAM	25	0	20.75	20.74	20.80	20.75	20.77		

Band 48_ANT 5(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.33	22.34	22.32	22.26	22.8	0
20	QPSK	1	49	22.23	22.22	22.22	21.99		
20	QPSK	1	99	22.17	22.25	22.16	22.02		
20	QPSK	50	0	22.30	22.33	22.31	22.25	22.8	0
20	QPSK	50	24	22.28	22.13	22.15	22.13		
20	QPSK	50	50	22.27	22.29	22.27	22.07		
20	QPSK	100	0	22.20	22.30	22.12	22.11		
20	16QAM	1	0	21.73	21.87	21.76	21.61	22.8	0
20	16QAM	1	49	21.89	21.86	21.90	21.89		
20	16QAM	1	99	21.68	21.66	21.84	21.78		
20	16QAM	50	0	21.82	21.77	21.92	21.69	22.8	0
20	16QAM	50	24	21.73	21.77	21.72	21.64		
20	16QAM	50	50	21.73	21.63	21.72	21.65		
20	16QAM	100	0	21.73	21.77	21.85	21.65		
20	64QAM	1	0	21.77	21.73	21.70	21.55	22.8	0
20	64QAM	1	49	21.79	21.73	21.62	21.54		
20	64QAM	1	99	21.85	21.84	21.88	21.69		
20	64QAM	50	0	20.90	20.73	20.86	20.72	21.8	1
20	64QAM	50	24	20.75	20.84	20.80	20.70		
20	64QAM	50	50	20.74	20.85	20.69	20.67		
20	64QAM	100	0	20.93	20.90	20.66	20.78		
20	256QAM	1	0	19.31	19.31	19.26	19.17	19.8	3
20	256QAM	1	49	19.19	19.29	19.22	19.21		
20	256QAM	1	99	19.22	19.25	19.14	19.24		
20	256QAM	50	0	19.33	19.37	19.31	19.25	19.8	3
20	256QAM	50	24	19.34	19.40	19.32	19.29		
20	256QAM	50	50	19.27	19.33	19.22	19.27		
20	256QAM	100	0	19.31	19.38	19.32	19.30		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.91	21.81	21.85	21.96	22.8	0
15	QPSK	1	37	21.77	21.63	21.87	21.85		
15	QPSK	1	74	21.57	21.60	21.90	21.83		
15	QPSK	36	0	21.93	21.99	21.90	22.02	22.8	0
15	QPSK	36	20	21.86	21.91	21.85	21.96		
15	QPSK	36	39	21.85	21.89	21.93	21.86		
15	QPSK	75	0	21.84	21.80	22.03	21.91		
15	16QAM	1	0	21.77	21.89	21.63	21.78	22.8	0
15	16QAM	1	37	21.98	21.87	21.86	21.79		
15	16QAM	1	74	21.66	21.65	21.89	21.75		
15	16QAM	36	0	21.88	21.76	21.87	21.55	22.8	0
15	16QAM	36	20	21.70	21.81	21.83	21.73		
15	16QAM	36	39	21.73	21.63	21.82	21.61		
15	16QAM	75	0	21.71	21.67	21.85	21.70		
15	64QAM	1	0	21.79	21.78	21.75	21.61	22.8	0
15	64QAM	1	37	21.82	21.73	21.76	21.63		
15	64QAM	1	74	21.83	21.84	21.73	21.71		
15	64QAM	36	0	20.84	20.92	20.79	20.79	21.8	1
15	64QAM	36	20	20.91	20.85	20.69	20.64		
15	64QAM	36	39	20.89	20.84	20.78	20.65		
15	64QAM	75	0	20.98	20.96	20.84	20.68		
15	256QAM	1	0	19.29	19.17	19.25	19.27	19.8	3
15	256QAM	1	37	19.26	19.33	19.21	19.23		
15	256QAM	1	74	19.28	19.16	19.23	19.14		
15	256QAM	36	0	19.20	19.25	19.29	19.27	19.8	3
15	256QAM	36	20	19.33	19.34	19.31	19.35		
15	256QAM	36	39	19.28	19.16	19.20	19.23		
15	256QAM	75	0	19.33	19.30	19.22	19.22		
Channel				55290	55815	56160	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.94	21.81	22.02	21.92	22.8	0
10	QPSK	1	25	21.76	21.75	21.93	21.83		
10	QPSK	1	49	21.69	21.57	21.74	21.68		
10	QPSK	25	0	22.00	21.89	21.89	21.99	22.8	0
10	QPSK	25	12	21.84	21.82	21.99	21.85		
10	QPSK	25	25	21.84	21.84	21.96	21.88		
10	QPSK	50	0	21.92	21.94	21.88	21.75		
10	16QAM	1	0	21.79	21.71	21.59	21.59	22.8	0
10	16QAM	1	25	21.92	21.99	21.89	21.77		
10	16QAM	1	49	21.67	21.64	21.86	21.88		
10	16QAM	25	0	21.76	21.74	21.88	21.55	22.8	0
10	16QAM	25	12	21.80	21.81	21.81	21.81		
10	16QAM	25	25	21.79	21.78	21.80	21.58		
10	16QAM	50	0	21.74	21.69	21.76	21.56		
10	64QAM	1	0	21.75	21.74	21.77	21.46	22.8	0
10	64QAM	1	25	21.78	21.77	21.71	21.60		
10	64QAM	1	49	21.79	21.78	21.81	21.64		
10	64QAM	25	0	20.90	20.84	20.87	20.67	21.8	1
10	64QAM	25	12	20.93	20.85	20.80	20.69		
10	64QAM	25	25	20.90	20.87	20.74	20.67		
10	64QAM	50	0	20.97	20.98	20.77	20.78		
10	256QAM	1	0	19.36	19.44	19.38	19.31	19.8	3
10	256QAM	1	25	19.46	19.38	19.42	19.41		
10	256QAM	1	49	19.34	19.38	19.42	19.42		
10	256QAM	25	0	19.35	19.43	19.31	19.33	19.8	3
10	256QAM	25	12	19.42	19.43	19.34	19.34		
10	256QAM	25	25	19.31	19.41	19.32	19.40		
10	256QAM	50	0	19.44	19.41	19.48	19.44		
Channel				55265	55790	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.79	21.95	21.98	21.97	22.8	0
5	QPSK	1	12	21.71	21.78	21.90	21.76		
5	QPSK	1	24	21.69	21.68	21.71	21.75		
5	QPSK	12	0	21.84	21.85	22.00	21.93	22.8	0
5	QPSK	12	7	21.86	22.02	21.83	21.93		
5	QPSK	12	13	21.73	21.87	22.01	21.75		
5	QPSK	25	0	21.92	21.84	21.88	21.88		
5	16QAM	1	0	21.82	21.86	21.72	21.77	22.8	0
5	16QAM	1	12	21.99	22.04	21.86	21.71		
5	16QAM	1	24	21.60	21.72	21.92	21.72		
5	16QAM	12	0	21.71	21.71	21.93	21.72	22.8	0
5	16QAM	12	7	21.76	21.83	21.69	21.61		
5	16QAM	12	13	21.77	21.76	21.76	21.65		
5	16QAM	25	0	21.68	21.81	21.76	21.72		
5	64QAM	1	0	21.86	21.68	21.81	21.51	22.8	0
5	64QAM	1	12	21.67	21.75	21.76	21.53		
5	64QAM	1	24	21.79	21.79	21.84	21.71		
5	64QAM	12	0	20.77	20.93	20.82	20.59	21.8	1
5	64QAM	12	7	20.77	20.83	20.65	20.64		
5	64QAM	12	13	20.85	20.83	20.73	20.77		
5	64QAM	25	0	20.97	20.84	20.77	20.69		
5	256QAM	1	0	19.46	19.48	19.44	19.42	19.8	3
5	256QAM	1	12	19.42	19.41	19.31	19.33		
5	256QAM	1	24	19.36	19.31	19.29	19.29		
5	256QAM	12	0	19.38	19.44	19.41	19.45	19.8	3
5	256QAM	12	7	19.36	19.39	19.47	19.39		
5	256QAM	12	13	19.46	19.43	19.50	19.43		
5	256QAM	25	0	19.39	19.43	19.42	19.30		

Band 48_ANT 10(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.68	19.82	19.69	19.70	20.3	0
20	QPSK	1	49	19.53	19.60	19.60	19.65		
20	QPSK	1	99	19.51	19.53	19.51	19.61		
20	QPSK	50	0	19.66	19.80	19.68	19.67	20.3	0
20	QPSK	50	24	19.60	19.69	19.65	19.56		
20	QPSK	50	50	19.53	19.62	19.60	19.66		
20	QPSK	100	0	19.59	19.75	19.68	19.61		
20	16QAM	1	0	19.53	19.47	19.53	19.52	20.3	0
20	16QAM	1	49	19.40	19.42	19.35	19.37		
20	16QAM	1	99	19.40	19.42	19.38	19.37		
20	16QAM	50	0	19.41	19.36	19.18	19.21	20.3	0
20	16QAM	50	24	19.57	19.51	19.36	19.42		
20	16QAM	50	50	19.12	19.28	19.44	19.34		
20	16QAM	100	0	19.35	19.39	19.44	19.23		
20	64QAM	1	0	19.44	19.48	19.38	19.38	20.3	0
20	64QAM	1	49	19.40	19.26	19.38	19.32		
20	64QAM	1	99	19.38	19.48	19.37	19.49		
20	64QAM	50	0	19.32	19.31	19.32	19.20	20.3	0
20	64QAM	50	24	19.39	19.42	19.39	19.38		
20	64QAM	50	50	19.28	19.30	19.51	19.28		
20	64QAM	100	0	19.26	19.38	19.32	19.17		
20	256QAM	1	0	19.14	19.16	19.13	19.18	19.8	0.5
20	256QAM	1	49	19.12	19.10	19.09	19.11		
20	256QAM	1	99	19.16	19.15	19.07	19.11		
20	256QAM	50	0	19.19	19.24	19.15	19.22	19.8	0.5
20	256QAM	50	24	19.21	19.30	19.21	19.26		
20	256QAM	50	50	19.14	19.30	19.14	19.17		
20	256QAM	100	0	19.19	19.28	19.20	19.25		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.45	19.32	19.51	19.39	20.3	0
15	QPSK	1	37	19.18	19.16	19.50	19.35		
15	QPSK	1	74	19.19	19.19	19.30	19.20		
15	QPSK	36	0	19.48	19.37	19.40	19.50	20.3	0
15	QPSK	36	20	19.47	19.40	19.49	19.39		
15	QPSK	36	39	19.41	19.31	19.48	19.28		
15	QPSK	75	0	19.33	19.31	19.44	19.31		
15	16QAM	1	0	19.31	19.36	19.18	19.24	20.3	0
15	16QAM	1	37	19.48	19.51	19.48	19.43		
15	16QAM	1	74	19.26	19.13	19.41	19.27		
15	16QAM	36	0	19.25	19.33	19.27	19.13	20.3	0
15	16QAM	36	20	19.27	19.37	19.22	19.27		
15	16QAM	36	39	19.32	19.24	19.26	19.09		
15	16QAM	75	0	19.20	19.28	19.43	19.25		
15	64QAM	1	0	19.36	19.27	19.36	19.01	20.3	0
15	64QAM	1	37	19.20	19.31	19.21	19.18		
15	64QAM	1	74	19.31	19.43	19.34	19.17		
15	64QAM	36	0	19.44	19.38	19.40	19.22	20.3	0
15	64QAM	36	20	19.36	19.31	19.35	19.37		
15	64QAM	36	39	19.28	19.27	19.24	19.37		
15	64QAM	75	0	19.47	19.36	19.22	19.22		
15	256QAM	1	0	19.10	19.10	19.17	19.17	19.8	0.5
15	256QAM	1	37	19.06	19.06	19.06	19.12		
15	256QAM	1	74	19.09	19.11	19.18	19.14		
15	256QAM	36	0	19.13	19.05	19.14	19.13	19.8	0.5
15	256QAM	36	20	19.12	19.13	19.08	19.02		
15	256QAM	36	39	19.00	19.03	19.04	19.05		
15	256QAM	75	0	19.03	19.04	19.03	19.10		
Channel				55290	55815	56160	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.48	19.40	19.50	19.47	20.3	0
10	QPSK	1	25	19.29	19.22	19.40	19.30		
10	QPSK	1	49	19.28	19.12	19.44	19.19		
10	QPSK	25	0	19.45	19.56	19.49	19.37	20.3	0
10	QPSK	25	12	19.48	19.47	19.45	19.46		
10	QPSK	25	25	19.31	19.26	19.52	19.27		
10	QPSK	50	0	19.38	19.32	19.39	19.30		
10	16QAM	1	0	19.35	19.23	19.30	19.33	20.3	0
10	16QAM	1	25	19.57	19.53	19.47	19.30		
10	16QAM	1	49	19.28	19.17	19.50	19.42		
10	16QAM	25	0	19.29	19.39	19.30	19.22	20.3	0
10	16QAM	25	12	19.30	19.17	19.41	19.19		
10	16QAM	25	25	19.26	19.27	19.20	19.13		
10	16QAM	50	0	19.19	19.35	19.45	19.12		
10	64QAM	1	0	19.21	19.23	19.21	19.02	20.3	0
10	64QAM	1	25	19.32	19.33	19.32	19.15		
10	64QAM	1	49	19.46	19.31	19.38	19.29		
10	64QAM	25	0	19.46	19.35	19.42	19.31	20.3	0
10	64QAM	25	12	19.35	19.45	19.27	19.20		
10	64QAM	25	25	19.32	19.39	19.28	19.33		
10	64QAM	50	0	19.39	19.50	19.27	19.36		
10	256QAM	1	0	19.20	19.26	19.29	19.30	19.8	0.5
10	256QAM	1	25	19.16	19.23	19.16	19.25		
10	256QAM	1	49	19.29	19.26	19.20	19.24		
10	256QAM	25	0	19.16	19.15	19.29	19.18	19.8	0.5
10	256QAM	25	12	19.18	19.23	19.26	19.25		
10	256QAM	25	25	19.26	19.20	19.27	19.19		
10	256QAM	50	0	19.22	19.25	19.26	19.18		
Channel				55265	55790	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.32	19.50	19.55	19.58	20.3	0
5	QPSK	1	12	19.27	19.15	19.41	19.28		
5	QPSK	1	24	19.29	19.27	19.29	19.39		
5	QPSK	12	0	19.44	19.50	19.52	19.49	20.3	0
5	QPSK	12	7	19.44	19.37	19.38	19.41		
5	QPSK	12	13	19.45	19.37	19.39	19.26		
5	QPSK	25	0	19.43	19.35	19.39	19.49		
5	16QAM	1	0	19.35	19.28	19.26	19.22	20.3	0
5	16QAM	1	12	19.50	19.43	19.45	19.41		
5	16QAM	1	24	19.14	19.18	19.49	19.30		
5	16QAM	12	0	19.38	19.33	19.29	19.17	20.3	0
5	16QAM	12	7	19.28	19.33	19.33	19.15		
5	16QAM	12	13	19.29	19.37	19.27	19.14		
5	16QAM	25	0	19.34	19.38	19.33	19.20		
5	64QAM	1	0	19.36	19.39	19.31	19.15	20.3	0
5	64QAM	1	12	19.24	19.24	19.18	19.15		
5	64QAM	1	24	19.40	19.46	19.30	19.24		
5	64QAM	12	0	19.45	19.47	19.40	19.15	20.3	0
5	64QAM	12	7	19.37	19.32	19.18	19.34		
5	64QAM	12	13	19.34	19.29	19.23	19.36		
5	64QAM	25	0	19.35	19.50	19.36	19.34		
5	256QAM	1	0	19.22	19.19	19.24	19.25	19.8	0.5
5	256QAM	1	12	19.16	19.11	19.23	19.16		
5	256QAM	1	24	19.24	19.16	19.13	19.12		
5	256QAM	12	0	19.15	19.15	19.25	19.26	19.8	0.5
5	256QAM	12	7	19.28	19.20	19.25	19.25		
5	256QAM	12	13	19.20	19.24	19.15	19.29		
5	256QAM	25	0	19.20	19.27	19.18	19.28		

Band 38_ANT 2(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.16	19.84	19.87		
20	QPSK	1	49	19.94	19.66	19.77	21	0
20	QPSK	1	99	19.97	19.77	19.72		
20	QPSK	50	0	20.05	19.87	19.93		
20	QPSK	50	24	20.01	19.85	19.91	21	0
20	QPSK	50	50	20.01	19.84	19.92		
20	QPSK	100	0	20.05	19.80	19.93		
20	16QAM	1	0	20.05	19.60	19.65		
20	16QAM	1	49	19.98	19.58	19.60	21	0
20	16QAM	1	99	20.04	19.56	19.80		
20	16QAM	50	0	20.00	19.87	19.89		
20	16QAM	50	24	20.09	19.86	19.85	21	0
20	16QAM	50	50	20.03	19.92	19.90		
20	16QAM	100	0	20.05	19.77	19.83		
20	64QAM	1	0	20.03	19.69	19.62		
20	64QAM	1	49	19.89	19.62	19.32	21	0
20	64QAM	1	99	20.06	20.03	20.00		
20	64QAM	50	0	20.04	19.85	19.90		
20	64QAM	50	24	20.08	19.87	19.89	21	0
20	64QAM	50	50	20.00	19.90	19.91		
20	64QAM	100	0	20.00	19.83	19.92		
20	256QAM	1	0	18.58	18.57	18.56		
20	256QAM	1	49	18.69	18.58	18.54	19.3	1.7
20	256QAM	1	99	18.57	18.51	18.55		
20	256QAM	50	0	18.64	18.61	18.56		
20	256QAM	50	24	18.73	18.60	18.57	19.3	1.7
20	256QAM	50	50	18.63	18.62	18.60		
20	256QAM	100	0	18.67	18.55	18.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.01	19.68	19.84		
15	QPSK	1	37	19.90	19.63	19.64	21	0
15	QPSK	1	74	19.76	19.74	19.51		
15	QPSK	36	0	19.90	19.76	19.72		
15	QPSK	36	20	19.85	19.77	19.88	21	0
15	QPSK	36	39	19.82	19.81	19.90		
15	QPSK	75	0	19.98	19.69	19.74		
15	16QAM	1	0	20.01	19.43	19.43		
15	16QAM	1	37	19.79	19.55	19.38	21	0
15	16QAM	1	74	19.85	19.43	19.67		
15	16QAM	36	0	19.95	19.81	19.83		
15	16QAM	36	20	19.93	19.83	19.83	21	0
15	16QAM	36	39	19.84	19.82	19.82		
15	16QAM	75	0	20.02	19.70	19.77		
15	64QAM	1	0	19.82	19.52	19.52		
15	64QAM	1	37	19.82	19.48	19.16	21	0
15	64QAM	1	74	20.01	19.97	19.83		
15	64QAM	36	0	19.99	19.70	19.86		
15	64QAM	36	20	19.98	19.84	19.72	21	0
15	64QAM	36	39	19.88	19.75	19.77		
15	64QAM	75	0	19.91	19.66	19.81		
15	256QAM	1	0	18.53	18.53	18.51		
15	256QAM	1	37	18.52	18.54	18.52	19.3	1.7
15	256QAM	1	74	18.52	18.54	18.53		
15	256QAM	36	0	18.51	18.53	18.49		
15	256QAM	36	20	18.55	18.56	18.57	19.3	1.7
15	256QAM	36	39	18.57	18.57	18.55		
15	256QAM	75	0	18.51	18.53	18.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.97	19.72	19.73		
10	QPSK	1	25	19.72	19.60	19.66	21	0
10	QPSK	1	49	19.89	19.69	19.64		
10	QPSK	25	0	19.96	19.67	19.72		
10	QPSK	25	12	19.94	19.67	19.74	21	0
10	QPSK	25	25	19.99	19.66	19.82		
10	QPSK	50	0	19.83	19.64	19.73		
10	16QAM	1	0	19.89	19.44	19.58		
10	16QAM	1	25	19.80	19.47	19.56	21	0
10	16QAM	1	49	20.02	19.34	19.67		
10	16QAM	25	0	19.97	19.68	19.74		
10	16QAM	25	12	20.04	19.67	19.68	21	0
10	16QAM	25	25	19.92	19.77	19.74		
10	16QAM	50	0	19.88	19.58	19.67		
10	64QAM	1	0	19.95	19.51	19.54		
10	64QAM	1	25	19.84	19.50	19.18	21	0
10	64QAM	1	49	20.00	19.93	19.97		
10	64QAM	25	0	19.82	19.83	19.77		
10	64QAM	25	12	19.99	19.67	19.73	21	0
10	64QAM	25	25	19.81	19.69	19.88		
10	64QAM	50	0	19.83	19.76	19.85		
10	256QAM	1	0	18.71	18.67	18.63		
10	256QAM	1	25	18.76	18.71	18.66	19.3	1.7
10	256QAM	1	49	18.68	18.68	18.73		
10	256QAM	25	0	18.73	18.69	18.73		
10	256QAM	25	12	18.68	18.63	18.61	19.3	1.7
10	256QAM	25	25	18.67	18.67	18.70		
10	256QAM	50	0	18.71	18.66	18.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.94	19.76	19.76		
5	QPSK	1	12	19.77	19.48	19.57	21	0
5	QPSK	1	24	19.84	19.56	19.58		
5	QPSK	12	0	19.92	19.73	19.80		
5	QPSK	12	7	19.92	19.70	19.80	21	0
5	QPSK	12	13	19.87	19.70	19.79		
5	QPSK	25	0	19.96	19.61	19.75		
5	16QAM	1	0	20.03	19.57	19.44		
5	16QAM	1	12	19.93	19.51	19.45	21	0
5	16QAM	1	24	19.92	19.52	19.62		
5	16QAM	12	0	19.94	19.72	19.84		
5	16QAM	12	7	19.87	19.78	19.71	21	0
5	16QAM	12	13	19.86	19.73	19.83		
5	16QAM	25	0	19.87	19.74	19.72		
5	64QAM	1	0	19.89	19.60	19.40		
5	64QAM	1	12	19.75	19.42	19.30	21	0
5	64QAM	1	24	19.85	19.88	19.82		
5	64QAM	12	0	19.85	19.83	19.70		
5	64QAM	12	7	20.04	19.75	19.71	21	0
5	64QAM	12	13	19.97	19.88	19.70		
5	64QAM	25	0	19.89	19.62	19.78		
5	256QAM	1	0	18.64	18.60	18.60		
5	256QAM	1	12	18.71	18.66	18.62	19.3	1.7
5	256QAM	1	24	18.64	18.62	18.57		
5	256QAM	12	0	18.65	18.67	18.63		
5	256QAM	12	7	18.61	18.60	18.58	19.3	1.7
5	256QAM	12	13	18.60	18.62	18.61		
5	256QAM	25	0	18.61	18.66	18.64		

Band 41_ANT 2(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.03	20.23	19.97	19.98	19.98		
20	QPSK	1	49	19.56	20.09	19.83	19.64	19.65	21	0
20	QPSK	1	99	19.45	20.18	19.86	19.80	19.59		
20	QPSK	50	0	19.98	20.23	19.97	19.90	19.89		
20	QPSK	50	24	19.94	20.17	19.85	19.80	19.74	21	0
20	QPSK	50	50	19.79	20.03	19.93	19.87	19.85		
20	QPSK	100	0	19.87	20.15	19.78	19.84	19.76		
20	16QAM	1	0	20.05	19.53	19.93	19.74	19.83		
20	16QAM	1	49	19.79	19.85	19.58	19.72	19.53	21	0
20	16QAM	1	99	19.96	19.94	20.03	19.74	19.81		
20	16QAM	50	0	19.59	19.98	19.84	19.53	19.67		
20	16QAM	50	24	19.78	20.01	19.82	19.41	19.56	21	0
20	16QAM	50	50	19.77	20.00	19.94	19.36	19.72		
20	16QAM	100	0	19.68	20.07	19.73	19.42	19.73		
20	64QAM	1	0	19.54	19.92	19.30	19.72	19.49		
20	64QAM	1	49	19.44	19.76	19.45	19.49	19.65	21	0
20	64QAM	1	99	19.37	20.05	19.46	19.33	19.61		
20	64QAM	50	0	19.37	19.47	19.31	19.32	19.34		
20	64QAM	50	24	19.35	19.66	19.35	19.35	19.39	21	0
20	64QAM	50	50	19.32	19.57	19.38	19.37	19.30		
20	64QAM	100	0	19.39	19.56	19.33	19.35	19.33		
20	256QAM	1	0	18.67	18.65	18.65	18.62	18.49		
20	256QAM	1	49	18.61	18.64	18.61	18.57	18.40	19.8	1.2
20	256QAM	1	99	18.55	18.56	18.59	18.56	18.33		
20	256QAM	50	0	18.65	18.79	18.70	18.62	18.46		
20	256QAM	50	24	18.71	18.81	18.65	18.62	18.39	19.8	1.2
20	256QAM	50	50	18.66	18.74	18.65	18.61	18.43		
20	256QAM	100	0	18.70	18.79	18.63	18.59	18.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.99	20.06	19.86	19.80	19.90		
15	QPSK	1	37	19.43	20.01	19.76	19.56	19.55	21.00	0
15	QPSK	1	74	19.39	20.04	19.67	19.62	19.40		
15	QPSK	36	0	19.80	20.11	19.85	19.87	19.87		
15	QPSK	36	20	19.92	20.07	19.74	19.76	19.72	21	0
15	QPSK	36	39	19.57	19.98	19.85	19.76	19.83		
15	QPSK	75	0	19.65	20.11	19.62	19.68	19.55		
15	16QAM	1	0	19.85	19.51	19.86	19.54	19.68		
15	16QAM	1	37	19.67	19.65	19.39	19.65	19.39	21	0
15	16QAM	1	74	19.82	19.84	19.88	19.70	19.61		
15	16QAM	36	0	19.41	19.95	19.66	19.46	19.51		
15	16QAM	36	20	19.60	19.83	19.75	19.39	19.37	21	0
15	16QAM	36	39	19.56	19.82	19.79	19.16	19.69		
15	16QAM	75	0	19.48	19.90	19.55	19.29	19.60		
15	64QAM	1	0	19.39	19.71	19.19	19.65	19.47		
15	64QAM	1	37	19.41	19.71	19.24	19.40	19.46	21	0
15	64QAM	1	74	19.30	19.93	19.31	19.27	19.57		
15	64QAM	36	0	19.34	19.36	19.13	19.10	19.23		
15	64QAM	36	20	19.17	19.62	19.25	19.21	19.25	21	0
15	64QAM	36	39	19.22	19.53	19.32	19.25	19.12		
15	64QAM	75	0	19.20	19.46	19.21	19.31	19.17		
15	256QAM	1	0	18.61	18.58	18.62	18.66	18.60		
15	256QAM	1	37	18.58	18.53	18.56	18.62	18.62	19.8	1.2
15	256QAM	1	74	18.62	18.59	18.56	18.60	18.51		
15	256QAM	36	0	18.61	18.61	18.63	18.59	18.63		
15	256QAM	36	20	18.49	18.59	18.52	18.59	18.45	19.8	1.2
15	256QAM	36	39	18.57	18.56	18.53	18.55	18.60		
15	256QAM	75	0	18.49	18.47	18.51	18.54	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.82	20.05	19.93	19.83	19.85		
10	QPSK	1	25	19.52	19.96	19.78	19.46	19.61	21.00	0
10	QPSK	1	49	19.35	20.11	19.70	19.72	19.51		
10	QPSK	25	0	19.79	20.05	19.79	19.74	19.68		
10	QPSK	25	12	19.91	20.03	19.73	19.61	19.52	21	0
10	QPSK	25	25	19.66	19.91	19.75	19.80	19.81		
10	QPSK	50	0	19.69	19.94	19.64	19.82	19.68		
10	16QAM	1	0	20.01	19.47	19.90	19.57	19.76		
10	16QAM	1	25	19.57	19.75	19.46	19.62	19.31	21	0
10	16QAM	1	49	19.76	19.80	19.95	19.60	19.75		
10	16QAM	25	0	19.44	19.77	19.76	19.32	19.49		
10	16QAM	25	12	19.75	19.92	19.79	19.30	19.41	21	0
10	16QAM	25	25	19.68	19.93	19.82	19.22	19.50		
10	16QAM	50	0	19.48	19.90	19.52	19.21	19.66		
10	64QAM	1	0	19.41	19.73	19.24	19.53	19.29		
10	64QAM	1	25	19.41	19.65	19.26	19.47	19.43	21	0
10	64QAM	1	49	19.16	19.83	19.28	19.22	19.53		
10	64QAM	25	0	19.16	19.37	19.20	19.12	19.27		
10	64QAM	25	12	19.19	19.57	19.29	19.22	19.27	21	0
10	64QAM	25	25	19.19	19.53	19.31	19.22	19.15		
10	64QAM	50	0	19.34	19.34	19.26	19.33	19.25		
10	256QAM	1	0	18.61	18.60	18.67	18.68	18.64		
10	256QAM	1	25	18.70	18.70	18.66	18.59	18.72	19.8	1.2
10	256QAM	1	49	18.66	18.64	18.65	18.71	18.62		
10	256QAM	25	0	18.69	18.67	18.65	18.66	18.63		
10	256QAM	25	12	18.76	18.68	18.70	18.73	18.68	19.8	1.2
10	256QAM	25	25	18.54	18.55	18.61	18.58	18.59		
10	256QAM	50	0	18.61	18.62	18.67	18.72	18.61		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.86	20.06	19.87	19.95	19.82		
5	QPSK	1	12	19.44	19.98	19.62	19.46	19.50	21.00	0
5	QPSK	1	24	19.31	20.11	19.80	19.58	19.44		
5	QPSK	12	0	19.89	20.02	19.86	19.81	19.82		
5	QPSK	12	7	19.92	19.99	19.68	19.71	19.56	21	0
5	QPSK	12	13	19.59	19.87	19.83	19.67	19.83		
5	QPSK	25	0	19.66	20.09	19.76	19.71	19.71		
5	16QAM	1	0	19.96	19.32	19.84	19.65	19.66		
5	16QAM	1	12	19.60	19.68	19.36	19.55	19.43	21	0
5	16QAM	1	24	19.77	19.77	19.98	19.69	19.70		
5	16QAM	12	0	19.52	19.81	19.69	19.47	19.50		
5	16QAM	12	7	19.56	19.91	19.68	19.25	19.37	21	0
5	16QAM	12	13	19.71	19.78	19.85	19.22	19.54		
5	16QAM	25	0	19.66	19.92	19.66	19.29	19.55		
5	64QAM	1	0	19.35	19.78	19.11	19.58	19.39		
5	64QAM	1	12	19.28	19.74	19.39	19.28	19.63	21	0
5	64QAM	1	24	19.27	19.94	19.35	19.30	19.48		
5	64QAM	12	0	19.25	19.27	19.27	19.14	19.31		
5	64QAM	12	7	19.28	19.47	19.32	19.28	19.32	21	0
5	64QAM	12	13	19.13	19.55	19.20	19.35	19.18		
5	64QAM	25	0	19.17	19.37	19.23	19.27	19.19		
5	256QAM	1	0	18.71	18.76	18.74	18.81	18.73		
5	256QAM	1	12	18.63	18.60	18.62	18.65	18.59	19.8	1.2
5	256QAM	1	24	18.65	18.74	18.71	18.70	18.73		
5	256QAM	12	0	18.56	18.62	18.63	18.56	18.63		
5	256QAM	12	7	18.67	18.67	18.63	18.60	18.65	19.8	1.2
5	256QAM	12	13	18.74	18.67	18.70	18.75	18.77		
5	256QAM	25	0	18.80	18.75	18.74	18.78	18.77		

Band 41-HPUE_ANT 2(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.44	21.49	21.37	21.19	21.25		
20	QPSK	1	49	21.16	21.44	21.08	20.65	20.97	22.6	0
20	QPSK	1	99	21.07	21.23	21.21	20.85	21.05		
20	QPSK	50	0	21.42	21.44	21.34	21.13	21.20		
20	QPSK	50	24	21.13	21.12	21.30	20.87	21.09	22.6	0
20	QPSK	50	50	20.93	20.93	21.31	21.01	21.17		
20	QPSK	100	0	21.19	21.38	21.23	21.12	21.14		
20	16QAM	1	0	20.96	20.79	20.96	20.86	21.09		
20	16QAM	1	49	21.19	21.22	20.98	20.85	21.19	22.6	0
20	16QAM	1	99	21.01	21.01	21.20	21.23	20.99		
20	16QAM	50	0	21.10	21.14	21.31	21.34	21.38		
20	16QAM	50	24	21.22	21.18	21.35	21.32	21.38	22.6	0
20	16QAM	50	50	21.28	21.21	21.21	21.24	21.33		
20	16QAM	100	0	21.12	21.19	21.32	21.28	21.26		
20	64QAM	1	0	21.29	21.26	21.33	21.38	21.38		
20	64QAM	1	49	21.35	21.25	21.39	21.26	21.37	22.6	0
20	64QAM	1	99	21.30	21.33	21.35	21.20	21.39		
20	64QAM	50	0	21.33	21.32	21.26	21.37	21.19		
20	64QAM	50	24	21.27	21.38	21.16	21.10	21.18	22.6	0
20	64QAM	50	50	21.19	21.15	21.10	21.24	21.12		
20	64QAM	100	0	21.26	21.36	21.18	21.15	21.15		
20	256QAM	1	0	20.53	20.35	20.85	20.80	20.67		
20	256QAM	1	49	20.77	20.20	20.81	20.48	20.58	21.8	0.8
20	256QAM	1	99	20.72	20.80	20.73	20.52	20.51		
20	256QAM	50	0	20.70	20.86	20.71	20.62	20.52		
20	256QAM	50	24	20.74	20.82	20.65	20.61	20.45	21.8	0.8
20	256QAM	50	50	20.68	20.76	20.66	20.67	20.47		
20	256QAM	100	0	20.71	20.81	20.65	20.61	20.45		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.29	21.31	21.17	21.16	21.22		
15	QPSK	1	37	21.08	21.26	20.98	21.01	20.81	22.60	0
15	QPSK	1	74	20.92	21.12	21.04	20.74	20.99		
15	QPSK	36	0	21.33	21.40	21.23	21.08	21.09		
15	QPSK	36	20	21.03	20.95	21.14	20.74	20.91	22.6	0
15	QPSK	36	39	20.76	20.88	21.29	20.79	20.96		
15	QPSK	75	0	21.16	21.34	21.12	20.95	20.98		
15	16QAM	1	0	20.92	20.65	20.93	20.70	21.06		
15	16QAM	1	37	21.07	21.08	20.86	20.81	21.15	22.6	0
15	16QAM	1	74	20.79	20.89	21.12	21.15	20.97		
15	16QAM	36	0	20.99	20.95	21.14	21.27	21.28		
15	16QAM	36	20	21.07	20.96	21.32	21.14	21.32	22.6	0
15	16QAM	36	39	21.16	21.07	21.08	21.03	21.14		
15	16QAM	75	0	20.91	21.12	21.28	21.25	21.07		
15	64QAM	1	0	21.11	21.07	21.24	21.29	21.23		
15	64QAM	1	37	21.21	21.20	21.32	21.22	21.26	22.6	0
15	64QAM	1	74	21.23	21.14	21.15	21.18	21.19		
15	64QAM	36	0	21.12	21.29	21.09	21.20	21.11		
15	64QAM	36	20	21.12	21.20	21.06	20.90	20.97	22.6	0
15	64QAM	36	39	21.14	20.98	20.97	21.22	20.92		
15	64QAM	75	0	21.20	21.21	21.14	20.98	20.95		
15	256QAM	1	0	20.82	20.80	20.82	20.77	20.82		
15	256QAM	1	37	20.64	20.67	20.71	20.77	20.78	21.8	0.8
15	256QAM	1	74	20.77	20.82	20.76	20.77	20.79		
15	256QAM	36	0	20.81	20.82	20.79	20.74	20.83		
15	256QAM	36	20	20.70	20.73	20.74	20.69	20.68	21.8	0.8
15	256QAM	36	39	20.73	20.70	20.73	20.75	20.69		
15	256QAM	75	0	20.69	20.67	20.74	20.69	20.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.42	21.40	21.15	20.97	21.13		
10	QPSK	1	25	21.10	21.25	21.00	20.61	20.90	22.60	0
10	QPSK	1	49	20.85	21.19	21.06	20.76	20.89		
10	QPSK	25	0	21.23	21.29	21.29	20.97	21.08		
10	QPSK	25	12	21.11	20.91	21.25	20.82	20.98	22.6	0
10	QPSK	25	25	20.72	20.87	21.21	20.84	20.97		
10	QPSK	50	0	21.11	21.32	21.18	21.09	20.96		
10	16QAM	1	0	20.90	20.63	20.78	20.65	20.90		
10	16QAM	1	25	21.11	21.07	20.96	20.75	21.02	22.6	0
10	16QAM	1	49	20.88	20.93	21.09	21.19	20.81		
10	16QAM	25	0	20.91	21.06	21.11	21.16	21.21		
10	16QAM	25	12	21.19	20.97	21.17	21.20	21.20	22.6	0
10	16QAM	25	25	21.06	21.18	21.08	21.17	21.18		
10	16QAM	50	0	21.04	21.08	21.10	21.26	21.20		
10	64QAM	1	0	21.08	21.13	21.11	21.35	21.28		
10	64QAM	1	25	21.16	21.06	21.25	21.13	21.29	22.6	0
10	64QAM	1	49	21.24	21.26	21.26	20.99	21.23		
10	64QAM	25	0	21.22	21.11	21.09	21.26	21.04		
10	64QAM	25	12	21.15	21.29	21.06	20.95	21.15	22.6	0
10	64QAM	25	25	21.17	20.98	20.92	21.10	20.96		
10	64QAM	50	0	21.15	21.32	21.12	21.00	21.13		
10	256QAM	1	0	20.96	20.82	20.89	20.84	20.88		
10	256QAM	1	25	20.78	20.77	20.83	20.90	20.84	21.8	0.8
10	256QAM	1	49	20.90	20.88	20.86	20.89	20.81		
10	256QAM	25	0	20.74	20.76	20.80	20.77	20.83		
10	256QAM	25	12	20.89	20.86	20.84	20.87	20.79	21.8	0.8
10	256QAM	25	25	20.83	20.85	20.86	20.80	20.79		
10	256QAM	50	0	20.84	20.92	20.86	20.89	20.85		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.39	21.29	21.35	20.99	21.10		
5	QPSK	1	12	21.13	21.37	21.05	21.00	20.83	22.60	0
5	QPSK	1	24	20.87	21.17	21.01	20.77	21.03		
5	QPSK	12	0	21.31	21.29	21.24	21.01	20.99		
5	QPSK	12	7	21.11	20.90	21.15	20.78	21.03	22.6	0
5	QPSK	12	13	20.91	20.78	21.14	20.92	21.03		
5	QPSK	25	0	21.16	21.25	21.01	20.93	20.94		
5	16QAM	1	0	20.94	21.00	20.79	20.69	21.01		
5	16QAM	1	12	21.10	21.12	20.90	20.67	21.14	22.6	0
5	16QAM	1	24	20.83	20.88	21.04	21.09	20.84		
5	16QAM	12	0	21.01	21.00	21.25	21.19	21.26		
5	16QAM	12	7	21.09	20.99	21.14	21.12	21.26	22.6	0
5	16QAM	12	13	21.09	21.15	21.13	21.10	21.19		
5	16QAM	25	0	20.92	21.07	21.14	21.14	21.05		
5	64QAM	1	0	21.26	21.23	21.25	21.24	21.27		
5	64QAM	1	12	21.16	21.10	21.25	21.17	21.16	22.6	0
5	64QAM	1	24	21.27	21.19	21.20	21.01	21.27		
5	64QAM	12	0	21.12	21.18	21.10	21.28	21.17		
5	64QAM	12	7	21.08	21.24	20.99	20.95	21.12	22.6	0
5	64QAM	12	13	21.05	21.08	21.00	21.18	20.95		
5	64QAM	25	0	21.20	21.23	21.08	21.01	21.12		
5	256QAM	1	0	20.95	21.00	20.93	20.89	20.94		
5	256QAM	1	12	20.93	20.91	20.94	20.92	20.87	21.8	0.8
5	256QAM	1	24	20.90	20.92	20.90	20.95	20.87		
5	256QAM	12	0	20.82	20.86	20.88	20.86	20.83		
5	256QAM	12	7	20.80	20.78	20.82	20.81	20.86	21.8	0.8
5	256QAM	12	13	20.88	20.84	20.85	20.86	20.92		
5	256QAM	25	0	20.75	20.74	20.80	20.75	20.77		

Band 48_ANT 5(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.15	20.22	20.21	20.03	20.8	0
20	QPSK	1	49	20.12	20.17	20.19	19.98		
20	QPSK	1	99	20.14	20.16	20.12	20.01		
20	QPSK	50	0	20.14	20.18	20.17	20.00	20.8	0
20	QPSK	50	24	20.10	20.12	20.15	19.97		
20	QPSK	50	50	20.11	20.13	20.11	19.91		
20	QPSK	100	0	20.12	20.16	20.12	19.97		
20	16QAM	1	0	20.02	19.81	19.81	19.60	20.8	0
20	16QAM	1	49	19.68	19.51	19.62	18.96		
20	16QAM	1	99	19.68	19.61	19.65	19.22		
20	16QAM	50	0	19.80	19.80	19.70	19.55	20.8	0
20	16QAM	50	24	19.74	19.61	19.68	19.48		
20	16QAM	50	50	19.56	19.48	19.86	19.44		
20	16QAM	100	0	19.61	19.63	19.75	19.57		
20	64QAM	1	0	19.89	19.83	19.82	19.60	20.8	0
20	64QAM	1	49	19.77	19.68	19.53	18.94		
20	64QAM	1	99	19.68	19.59	19.63	19.19		
20	64QAM	50	0	19.88	19.75	19.80	19.50	20.8	0
20	64QAM	50	24	19.86	19.50	19.67	19.39		
20	64QAM	50	50	19.55	19.33	19.81	19.31		
20	64QAM	100	0	19.58	19.73	19.79	19.60		
20	256QAM	1	0	19.31	19.31	19.26	19.17	19.8	1
20	256QAM	1	49	19.19	19.29	19.22	19.21		
20	256QAM	1	99	19.22	19.25	19.14	19.24		
20	256QAM	50	0	19.33	19.37	19.31	19.25	19.8	1
20	256QAM	50	24	19.34	19.40	19.32	19.29		
20	256QAM	50	50	19.27	19.33	19.22	19.27		
20	256QAM	100	0	19.31	19.38	19.32	19.30		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.95	19.81	19.86	19.61	20.8	0
15	QPSK	1	37	19.73	19.61	19.50	19.10		
15	QPSK	1	74	19.82	19.52	19.71	19.30		
15	QPSK	36	0	19.91	19.89	19.75	19.56	20.8	0
15	QPSK	36	20	19.85	19.62	19.70	19.29		
15	QPSK	36	39	19.61	19.43	19.78	19.31		
15	QPSK	75	0	19.64	19.76	19.82	19.48		
15	16QAM	1	0	19.44	19.39	19.42	19.39	20.8	0
15	16QAM	1	37	19.80	19.63	19.43	19.22		
15	16QAM	1	74	19.56	19.30	19.82	19.69		
15	16QAM	36	0	19.51	19.58	19.76	19.83	20.8	0
15	16QAM	36	20	19.82	19.63	19.72	19.76		
15	16QAM	36	39	19.78	19.85	19.52	19.71		
15	16QAM	75	0	19.66	19.38	19.81	19.77		
15	64QAM	1	0	19.85	19.69	19.77	19.81	20.8	0
15	64QAM	1	37	19.81	19.66	19.86	19.78		
15	64QAM	1	74	19.87	19.79	19.94	19.65		
15	64QAM	36	0	19.86	19.66	19.83	19.82	20.8	0
15	64QAM	36	20	19.57	19.61	19.56	19.53		
15	64QAM	36	39	19.58	19.49	19.46	19.79		
15	64QAM	75	0	19.75	19.83	19.80	19.68		
15	256QAM	1	0	19.29	19.17	19.25	19.27	19.8	1
15	256QAM	1	37	19.26	19.33	19.21	19.23		
15	256QAM	1	74	19.28	19.16	19.23	19.14		
15	256QAM	36	0	19.20	19.25	19.29	19.27	19.8	1
15	256QAM	36	20	19.33	19.34	19.31	19.35		
15	256QAM	36	39	19.28	19.16	19.20	19.23		
15	256QAM	75	0	19.33	19.30	19.22	19.22		
Channel				55255	55815	56165	56625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.83	19.79	19.91	19.51	20.8	0
10	QPSK	1	25	19.83	19.58	19.67	19.02		
10	QPSK	1	49	19.85	19.45	19.72	19.30		
10	QPSK	25	0	19.86	19.76	19.72	19.59	20.8	0
10	QPSK	25	12	19.93	19.45	19.83	19.34		
10	QPSK	25	25	19.63	19.35	19.83	19.48		
10	QPSK	50	0	19.55	19.73	19.77	19.51		
10	16QAM	1	0	19.33	19.52	19.56	19.47	20.8	0
10	16QAM	1	25	19.82	19.74	19.46	19.32		
10	16QAM	1	49	19.47	19.44	19.65	19.61		
10	16QAM	25	0	19.51	19.56	19.83	19.66	20.8	0
10	16QAM	25	12	19.82	19.68	19.73	19.63		
10	16QAM	25	25	19.88	19.75	19.58	19.78		
10	16QAM	50	0	19.54	19.49	19.90	19.94		
10	64QAM	1	0	19.79	19.67	19.92	19.77	20.8	0
10	64QAM	1	25	19.84	19.80	19.78	19.74		
10	64QAM	1	49	19.75	19.62	19.80	19.67		
10	64QAM	25	0	19.70	19.61	19.73	19.82	20.8	0
10	64QAM	25	12	19.60	19.61	19.59	19.56		
10	64QAM	25	25	19.63	19.68	19.45	19.65		
10	64QAM	50	0	19.75	19.73	19.77	19.77		
10	256QAM	1	0	19.36	19.44	19.38	19.31	19.8	1
10	256QAM	1	25	19.46	19.38	19.42	19.41		
10	256QAM	1	49	19.34	19.38	19.42	19.42		
10	256QAM	25	0	19.35	19.43	19.31	19.33	19.8	1
10	256QAM	25	12	19.42	19.43	19.34	19.34		
10	256QAM	25	25	19.31	19.41	19.32	19.40		
10	256QAM	50	0	19.44	19.41	19.48	19.44		
Channel				55255	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.98	19.79	19.96	19.59	20.8	0
5	QPSK	1	12	19.84	19.59	19.52	19.04		
5	QPSK	1	24	19.71	19.58	19.58	19.27		
5	QPSK	12	0	19.80	19.89	19.65	19.54	20.8	0
5	QPSK	12	7	19.84	19.60	19.82	19.29		
5	QPSK	12	13	19.48	19.45	19.78	19.40		
5	QPSK	25	0	19.69	19.73	19.65	19.49		
5	16QAM	1	0	19.28	19.51	19.46	19.36	20.8	0
5	16QAM	1	12	19.81	19.68	19.58	19.25		
5	16QAM	1	24	19.50	19.38	19.75	19.71		
5	16QAM	12	0	19.65	19.63	19.75	19.75	20.8	0
5	16QAM	12	7	19.87	19.65	19.78	19.64		
5	16QAM	12	13	19.87	19.82	19.53	19.82		
5	16QAM	25	0	19.61	19.43	19.82	19.82		
5	64QAM	1	0	19.69	19.83	19.92	19.74	20.8	0
5	64QAM	1	12	19.87	19.69	19.73	19.62		
5	64QAM	1	24	19.72	19.71	19.95	19.83		
5	64QAM	12	0	19.77	19.67	19.82	19.73	20.8	0
5	64QAM	12	7	19.64	19.77	19.54	19.51		
5	64QAM	12	13	19.51	19.51	19.48	19.79		
5	64QAM	25	0	19.79	19.85	19.78	19.78		
5	256QAM	1	0	19.46	19.48	19.44	19.42	19.8	1
5	256QAM	1	12	19.42	19.41	19.31	19.33		
5	256QAM	1	24	19.36	19.31	19.29	19.29		
5	256QAM	12	0	19.38	19.44	19.41	19.45	19.8	1
5	256QAM	12	7	19.36	19.39	19.47	19.39		
5	256QAM	12	13	19.46	19.43	19.50	19.43		
5	256QAM	25	0	19.39	19.43	19.42	19.30		

Band 48_ANT 10(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.30	18.39	18.35	18.36	18.8	0
20	QPSK	1	49	18.19	18.27	18.30	18.32		
20	QPSK	1	99	18.19	18.24	18.26	18.31		
20	QPSK	50	0	18.29	18.37	18.34	18.33	18.8	0
20	QPSK	50	24	18.28	18.32	18.31	18.30		
20	QPSK	50	50	18.22	18.31	18.33	18.29		
20	QPSK	100	0	18.29	18.37	18.32	18.31		
20	16QAM	1	0	18.22	18.30	18.24	18.15	18.8	0
20	16QAM	1	49	18.05	18.13	18.24	18.14		
20	16QAM	1	99	18.16	18.09	18.10	18.16		
20	16QAM	50	0	18.26	18.16	18.13	18.15	18.8	0
20	16QAM	50	24	18.19	18.24	18.13	18.28		
20	16QAM	50	50	18.09	18.29	18.31	18.25		
20	16QAM	100	0	18.19	18.30	18.15	18.18		
20	64QAM	1	0	18.28	18.27	18.29	18.14	18.8	0
20	64QAM	1	49	18.06	18.09	18.22	18.26		
20	64QAM	1	99	18.08	18.02	18.07	18.15		
20	64QAM	50	0	18.10	18.29	18.26	18.22	18.8	0
20	64QAM	50	24	18.20	18.14	18.22	18.26		
20	64QAM	50	50	18.03	18.11	18.26	18.24		
20	64QAM	100	0	18.21	18.15	18.17	18.28		
20	256QAM	1	0	18.09	18.32	18.28	18.32	18.8	0
20	256QAM	1	49	18.17	18.10	18.10	18.14		
20	256QAM	1	99	18.12	18.02	18.22	18.19		
20	256QAM	50	0	18.11	18.17	18.29	18.26	18.8	0
20	256QAM	50	24	18.16	18.24	18.28	18.09		
20	256QAM	50	50	18.01	18.19	18.13	18.18		
20	256QAM	100	0	18.20	18.22	18.24	18.15		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.12	18.19	18.14	18.25	18.8	0
15	QPSK	1	37	18.11	18.24	18.24	18.30		
15	QPSK	1	74	18.04	18.03	18.15	18.17		
15	QPSK	36	0	18.24	18.15	18.24	18.31	18.8	0
15	QPSK	36	20	18.25	18.19	18.24	18.08		
15	QPSK	36	39	18.09	18.10	18.22	18.10		
15	QPSK	75	0	18.11	18.19	18.17	18.14		
15	16QAM	1	0	18.11	18.22	18.22	18.23	18.8	0
15	16QAM	1	37	18.02	18.19	18.27	18.27		
15	16QAM	1	74	18.14	18.09	18.05	18.17		
15	16QAM	36	0	18.17	18.20	18.18	18.18	18.8	0
15	16QAM	36	20	18.22	18.29	18.11	18.18		
15	16QAM	36	39	18.19	18.27	18.26	18.16		
15	16QAM	75	0	18.13	18.26	18.23	18.26		
15	64QAM	1	0	18.02	18.12	17.99	17.79	18.8	0
15	64QAM	1	37	17.81	17.97	18.13	17.88		
15	64QAM	1	74	17.81	17.97	18.10	17.87		
15	64QAM	36	0	17.93	18.04	18.08	18.04	18.8	0
15	64QAM	36	20	17.64	17.81	17.95	18.10		
15	64QAM	36	39	17.95	17.68	17.78	17.73		
15	64QAM	75	0	18.06	18.00	18.06	17.89		
15	256QAM	1	0	18.04	18.10	18.01	17.81	18.8	0
15	256QAM	1	37	17.72	17.90	18.15	17.85		
15	256QAM	1	74	17.85	18.01	18.01	17.89		
15	256QAM	36	0	17.96	17.98	17.94	18.12	18.8	0
15	256QAM	36	20	17.74	17.84	18.03	18.09		
15	256QAM	36	39	17.98	17.75	17.78	17.80		
15	256QAM	75	0	18.04	17.81	17.95	17.75		
Channel				55255	55815	56165	56625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.01	18.04	17.98	18.23	18.8	0
10	QPSK	1	25	18.07	18.12	18.05	18.11		
10	QPSK	1	49	17.94	17.92	18.05	18.04		
10	QPSK	25	0	18.16	18.10	18.22	18.29	18.8	0
10	QPSK	25	12	18.07	18.00	18.10	18.05		
10	QPSK	25	25	17.94	17.92	18.18	18.08		
10	QPSK	50	0	18.02	18.02	17.97	17.92		
10	16QAM	1	0	17.89	18.19	18.06	18.16	18.8	0
10	16QAM	1	25	17.83	18.05	18.15	18.22		
10	16QAM	1	49	17.92	17.96	17.90	17.97		
10	16QAM	25	0	17.77	18.02	17.87	18.01	18.8	0
10	16QAM	25	12	17.91	18.03	18.07	18.10		
10	16QAM	25	25	17.73	17.73	17.86	17.77		
10	16QAM	50	0	18.03	17.95	18.10	18.06		
10	64QAM	1	0	18.07	17.97	18.02	17.87	18.8	0
10	64QAM	1	25	17.81	17.93	18.00	17.76		
10	64QAM	1	49	17.81	18.02	18.09	17.96		
10	64QAM	25	0	17.83	17.93	17.90	18.16	18.8	0
10	64QAM	25	12	17.71	17.82	17.85	18.16		
10	64QAM	25	25	17.87	17.83	17.78	17.87		
10	64QAM	50	0	18.00	17.81	17.86	17.80		
10	256QAM	1	0	18.03	18.08	17.91	17.76	18.8	0
10	256QAM	1	25	17.84	17.93	18.10	17.76		
10	256QAM	1	49	17.89	18.02	17.94	17.89		
10	256QAM	25	0	17.81	17.95	17.96	18.06	18.8	0
10	256QAM	25	12	17.67	17.91	17.95	18.19		
10	256QAM	25	25	17.81	17.72	17.75	17.75		
10	256QAM	50	0	18.03	17.94	17.92	17.93		
Channel				55255	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.90	18.16	18.00	18.04	18.8	0
5	QPSK	1	12	17.94	18.05	18.22	18.14		
5	QPSK	1	24	17.88	17.90	18.02	17.95		
5	QPSK	12	0	18.12	17.96	18.11	18.11	18.8	0
5	QPSK	12	7	18.06	17.99	18.16	18.00		
5	QPSK	12	13	18.06	18.00	18.13	17.96		
5	QPSK	25	0	18.06	18.04	18.04	17.99		
5	16QAM	1	0	18.01	18.11	18.19	18.01	18.8	0
5	16QAM	1	12	17.99	17.99	18.17	18.13		
5	16QAM	1	24	18.12	17.98	18.02	17.96		
5	16QAM	12	0	17.83	18.02	17.92	18.02	18.8	0
5	16QAM	12	7	17.84	18.12	18.12	18.06		
5	16QAM	12	13	17.61	17.83	17.98	17.77		
5	16QAM	25	0	17.95	17.85	17.93	17.97		
5	64QAM	1	0	18.04	18.07	17.93	17.83	18.8	0
5	64QAM	1	12	17.80	17.93	18.11	17.81		
5	64QAM	1	24	17.92	17.92	17.97	17.98		
5	64QAM	12	0	17.86	17.97	18.05	18.17	18.8	0
5	64QAM	12	7	17.80	17.95	17.99	18.20		
5	64QAM	12	13	17.84	17.80	17.63	17.89		
5	64QAM	25	0	17.92	17.96	17.89	17.77		
5	256QAM	1	0	18.07	18.10	17.98	17.80	18.8	0
5	256QAM	1	12	17.84	17.97	18.05	17.76		
5	256QAM	1	24	17.73	17.83	17.99	17.97		
5	256QAM	12	0	17.88	17.91	17.91	18.13	18.8	0
5	256QAM	12	7	17.68	17.80	17.98	18.04		
5	256QAM	12	13	17.93	17.75	17.80	17.80		
5	256QAM	25	0	18.01	17.91	17.92	17.86		

Band 4_ANT 5(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.55	19.61	19.53	20.3	0
20	QPSK	1	49	19.53	19.58	19.52		
20	QPSK	1	99	19.49	19.51	19.51		
20	QPSK	50	0	19.53	19.58	19.55	20.3	0
20	QPSK	50	24	19.51	19.48	19.52		
20	QPSK	50	50	19.42	19.46	19.41		
20	QPSK	100	0	19.41	19.44	19.38		
20	16QAM	1	0	19.46	19.50	19.43	20.3	0
20	16QAM	1	49	19.44	19.49	19.45		
20	16QAM	1	99	19.51	19.57	19.54		
20	16QAM	50	0	19.49	19.42	19.49	20.3	0
20	16QAM	50	24	19.54	19.52	19.41		
20	16QAM	50	50	19.52	19.45	19.51		
20	16QAM	100	0	19.49	19.44	19.54		
20	64QAM	1	0	19.41	19.49	19.47	20.3	0
20	64QAM	1	49	19.49	19.40	19.53		
20	64QAM	1	99	19.42	19.45	19.58		
20	64QAM	50	0	19.47	19.53	19.55	20.3	0
20	64QAM	50	24	19.51	19.50	19.52		
20	64QAM	50	50	19.45	19.54	19.41		
20	64QAM	100	0	19.45	19.50	19.44		
20	256QAM	1	0	19.09	18.98	19.13	19.8	0.5
20	256QAM	1	49	19.13	18.97	18.92		
20	256QAM	1	99	18.75	18.78	18.88		
20	256QAM	50	0	18.81	18.80	18.91	19.8	0.5
20	256QAM	50	24	18.76	18.70	18.62		
20	256QAM	50	50	18.71	18.68	18.70		
20	256QAM	100	0	18.83	18.78	18.76		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.44	19.52	19.48	20.3	0
15	QPSK	1	37	19.46	19.45	19.46		
15	QPSK	1	74	19.37	19.46	19.38		
15	QPSK	36	0	19.47	19.53	19.45	20.3	0
15	QPSK	36	20	19.47	19.36	19.42		
15	QPSK	36	39	19.36	19.34	19.28		
15	QPSK	75	0	19.30	19.33	19.27		
15	16QAM	1	0	19.44	19.43	19.34	20.3	0
15	16QAM	1	37	19.39	19.46	19.33		
15	16QAM	1	74	19.38	19.51	19.49		
15	16QAM	36	0	19.45	19.29	19.38	20.3	0
15	16QAM	36	20	19.45	19.49	19.30		
15	16QAM	36	39	19.46	19.35	19.48		
15	16QAM	75	0	19.45	19.31	19.41		
15	64QAM	1	0	19.28	19.47	19.42	20.3	0
15	64QAM	1	37	19.40	19.37	19.46		
15	64QAM	1	74	19.34	19.40	19.45		
15	64QAM	36	0	19.40	19.51	19.50	20.3	0
15	64QAM	36	20	19.46	19.43	19.46		
15	64QAM	36	39	19.40	19.47	19.35		
15	64QAM	75	0	19.40	19.39	19.42		
15	256QAM	1	0	19.06	18.95	19.04	19.8	0.5
15	256QAM	1	37	19.01	18.92	18.86		
15	256QAM	1	74	18.69	18.70	18.83		
15	256QAM	36	0	18.68	18.77	18.87	19.8	0.5
15	256QAM	36	20	18.71	18.62	18.57		
15	256QAM	36	39	18.69	18.58	18.65		
15	256QAM	75	0	18.78	18.72	18.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.51	19.49	19.44	20.3	0
10	QPSK	1	25	19.48	19.45	19.50		
10	QPSK	1	49	19.38	19.39	19.38		
10	QPSK	25	0	19.43	19.45	19.43	20.3	0
10	QPSK	25	12	19.42	19.46	19.40		
10	QPSK	25	25	19.38	19.36	19.39		
10	QPSK	50	0	19.33	19.32	19.32		
10	16QAM	1	0	19.34	19.39	19.33	20.3	0
10	16QAM	1	25	19.40	19.46	19.37		
10	16QAM	1	49	19.47	19.50	19.41		
10	16QAM	25	0	19.44	19.34	19.39	20.3	0
10	16QAM	25	12	19.49	19.49	19.39		
10	16QAM	25	25	19.49	19.36	19.42		
10	16QAM	50	0	19.38	19.42	19.43		
10	64QAM	1	0	19.38	19.43	19.37	20.3	0
10	64QAM	1	25	19.41	19.33	19.42		
10	64QAM	1	49	19.29	19.35	19.56		
10	64QAM	25	0	19.45	19.49	19.45	20.3	0
10	64QAM	25	12	19.46	19.48	19.48		
10	64QAM	25	25	19.33	19.43	19.30		
10	64QAM	50	0	19.32	19.41	19.38		
10	256QAM	1	0	19.05	18.87	19.06	19.8	0.5
10	256QAM	1	25	19.03	18.88	18.81		
10	256QAM	1	49	18.64	18.69	18.84		
10	256QAM	25	0	18.73	18.70	18.78	19.8	0.5
10	256QAM	25	12	18.67	18.57	18.54		
10	256QAM	25	25	18.65	18.63	18.58		
10	256QAM	50	0	18.70	18.74	18.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.50	19.53	19.42	20.3	0
5	QPSK	1	12	19.48	19.49	19.43		
5	QPSK	1	24	19.44	19.41	19.42		
5	QPSK	12	0	19.48	19.52	19.48	20.3	0
5	QPSK	12	7	19.48	19.36	19.43		
5	QPSK	12	13	19.35	19.43	19.34		
5	QPSK	25	0	19.31	19.36	19.34		
5	16QAM	1	0	19.37	19.41	19.41	20.3	0
5	16QAM	1	12	19.37	19.39	19.35		
5	16QAM	1	24	19.39	19.46	19.46		
5	16QAM	12	0	19.37	19.36	19.41	20.3	0
5	16QAM	12	7	19.50	19.46	19.37		
5	16QAM	12	13	19.50	19.38	19.47		
5	16QAM	25	0	19.37	19.37	19.41		
5	64QAM	1	0	19.30	19.39	19.35	20.3	0
5	64QAM	1	12	19.44	19.27	19.40		
5	64QAM	1	24	19.33	19.35	19.49		
5	64QAM	12	0	19.39	19.47	19.45	20.3	0
5	64QAM	12	7	19.45	19.38	19.45		
5	64QAM	12	13	19.34	19.41	19.32		
5	64QAM	25	0	19.38	19.44	19.32		
5	256QAM	1	0	19.04	18.93	19.03	19.8	0.5
5	256QAM	1	12	19.09	18.92	18.90		
5	256QAM	1	24	18.64	18.76	18.83		
5	256QAM	12	0	18.75	18.75	18.81	19.8	0.5
5	256QAM	12	7	18.71	18.58	18.54		
5	256QAM	12	13	18.63	18.60	18.65		
5	256QAM	25	0	18.74	18.76	18.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.52	19.49	19.44	20.3	0
3	QPSK	1	8	19.41	19.51	19.43		
3	QPSK	1	14	19.43	19.44	19.44		
3	QPSK	8	0	19.49	19.45	19.45	20.3	0
3	QPSK	8	4	19.41	19.46	19.46		
3	QPSK	8	7	19.33	19.34	19.32		
3	QPSK	15	0	19.31	19.41	19.28		
3	16QAM	1	0	19.35	19.42	19.35	20.3	0
3	16QAM	1	8	19.32	19.41	19.34		
3	16QAM	1	14	19.43	19.47	19.41		
3	16QAM	8	0	19.42	19.33	19.42	20.3	0
3	16QAM	8	4	19.47	19.39	19.31		
3	16QAM	8	7	19.41	19.36	19.48		
3	16QAM	15	0	19.40	19.33	19.47		
3	64QAM	1	0	19.28	19.43	19.41	20.3	0
3	64QAM	1	8	19.43	19.35	19.49		
3	64QAM	1	14	19.35	19.37	19.51		
3	64QAM	8	0	19.37	19.45	19.42	20.3	0
3	64QAM	8	4	19.45	19.43	19.48		
3	64QAM	8	7	19.38	19.42	19.36		
3	64QAM	15	0	19.41	19.48	19.40		
3	256QAM	1	0	19.01	18.86	19.04	19.8	0.5
3	256QAM	1	8	19.01	18.94	18.89		
3	256QAM	1	14	18.73	18.76	18.77		
3	256QAM	8	0	18.79	18.71	18.80	19.8	0.5
3	256QAM	8	4	18.64	18.66	18.52		
3	256QAM	8	7	18.63	18.55	18.59		
3	256QAM	15	0	18.74	18.74	18.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.47	19.57	19.50	20.3	0
1.4	QPSK	1	3	19.45	19.54	19.44		
1.4	QPSK	1	5	19.46	19.46	19.48		
1.4	QPSK	3	0	19.40	19.52	19.52		
1.4	QPSK	3	1	19.42	19.44	19.44		
1.4	QPSK	3	3	19.30	19.41	19.29		
1.4	QPSK	6	0	19.28	19.38	19.34	20.3	0
1.4	16QAM	1	0	19.39	19.48	19.37	20.3	0
1.4	16QAM	1	3	19.39	19.45	19.40		
1.4	16QAM	1	5	19.46	19.52	19.41		
1.4	16QAM	3	0	19.40	19.36	19.37		
1.4	16QAM	3	1	19.41	19.41	19.35		
1.4	16QAM	3	3	19.42	19.41	19.49		
1.4	16QAM	6	0	19.37	19.34	19.45	20.3	0
1.4	64QAM	1	0	19.37	19.37	19.36	20.3	0
1.4	64QAM	1	3	19.41	19.32	19.43		
1.4	64QAM	1	5	19.36	19.43	19.49		
1.4	64QAM	3	0	19.38	19.41	19.46		
1.4	64QAM	3	1	19.44	19.39	19.46		
1.4	64QAM	3	3	19.32	19.43	19.33		
1.4	64QAM	6	0	19.43	19.47	19.33	20.3	0
1.4	256QAM	1	0	19.07	18.87	19.08	19.8	0.5
1.4	256QAM	1	3	19.10	18.90	18.82		
1.4	256QAM	1	5	18.62	18.65	18.77		
1.4	256QAM	3	0	18.73	18.76	18.79		
1.4	256QAM	3	1	18.71	18.61	18.52		
1.4	256QAM	3	3	18.65	18.55	18.63		
1.4	256QAM	6	0	18.79	18.70	18.69	19.8	0.5

Band 7_ANT 5(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.15	22.21	22.17	23.8	0
20	QPSK	1	49	22.07	22.18	22.15		
20	QPSK	1	99	22.06	22.15	22.12		
20	QPSK	50	0	22.17	22.19	22.15	23.8	0
20	QPSK	50	24	22.11	22.17	22.14		
20	QPSK	50	50	22.10	22.12	22.11		
20	QPSK	100	0	22.08	22.10	22.07		
20	16QAM	1	0	22.17	22.08	22.18	23.8	0
20	16QAM	1	49	22.11	22.12	22.13		
20	16QAM	1	99	22.15	22.07	22.08		
20	16QAM	50	0	20.87	20.95	20.87	22.8	1
20	16QAM	50	24	20.87	20.88	20.96		
20	16QAM	50	50	20.97	20.99	21.05		
20	16QAM	100	0	20.96	21.03	20.98		
20	64QAM	1	0	21.02	20.87	20.98	22.8	1
20	64QAM	1	49	20.95	20.96	20.94		
20	64QAM	1	99	20.88	20.88	20.89		
20	64QAM	50	0	19.81	19.92	19.89	21.8	2
20	64QAM	50	24	19.80	19.86	19.84		
20	64QAM	50	50	19.95	19.94	20.07		
20	64QAM	100	0	20.05	19.96	19.99		
20	256QAM	1	0	18.05	18.02	18.16	19.8	4
20	256QAM	1	49	18.08	18.03	18.15		
20	256QAM	1	99	18.07	18.18	18.09		
20	256QAM	50	0	18.01	17.96	18.00	19.8	4
20	256QAM	50	24	17.94	17.97	17.96		
20	256QAM	50	50	17.98	17.96	17.96		
20	256QAM	100	0	18.06	17.91	17.95		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.13	22.10	22.07	23.8	0
15	QPSK	1	37	21.95	22.07	22.03		
15	QPSK	1	74	22.03	22.03	22.08		
15	QPSK	36	0	22.15	22.07	22.08	23.8	0
15	QPSK	36	20	22.08	22.15	22.02		
15	QPSK	36	39	22.05	21.99	22.07		
15	QPSK	75	0	22.05	21.99	22.03		
15	16QAM	1	0	22.11	22.06	22.13	23.8	0
15	16QAM	1	37	22.09	22.07	22.10		
15	16QAM	1	74	22.12	22.05	21.95		
15	16QAM	36	0	20.91	20.93	20.83	22.8	1
15	16QAM	36	20	20.88	20.87	20.91		
15	16QAM	36	39	21.02	21.01	21.08		
15	16QAM	75	0	20.94	21.07	20.96		
15	64QAM	1	0	21.00	20.93	20.98	22.8	1
15	64QAM	1	37	21.00	20.93	20.89		
15	64QAM	1	74	20.87	20.92	20.86		
15	64QAM	36	0	19.85	19.87	19.95	21.8	2
15	64QAM	36	20	19.85	19.87	19.84		
15	64QAM	36	39	20.00	19.91	20.07		
15	64QAM	75	0	20.00	19.93	19.96		
15	256QAM	1	0	18.03	17.91	18.04	19.8	4
15	256QAM	1	37	17.97	17.93	18.05		
15	256QAM	1	74	18.01	18.09	17.96		
15	256QAM	36	0	17.98	17.87	17.93	19.8	4
15	256QAM	36	20	17.88	17.91	17.83		
15	256QAM	36	39	17.94	17.83	17.93		
15	256QAM	75	0	17.94	17.87	17.87		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.09	22.17	22.12	23.8	0
10	QPSK	1	25	22.01	22.05	22.10		
10	QPSK	1	49	21.97	22.08	22.06		
10	QPSK	25	0	22.10	22.07	22.10	23.8	0
10	QPSK	25	12	22.08	22.10	22.03		
10	QPSK	25	25	21.99	22.00	22.00		
10	QPSK	50	0	22.04	22.06	22.02		
10	16QAM	1	0	22.07	22.04	22.10	23.8	0
10	16QAM	1	25	22.06	22.08	22.00		
10	16QAM	1	49	22.04	21.97	22.06		
10	16QAM	25	0	20.86	20.92	20.92	22.8	1
10	16QAM	25	12	20.84	20.91	21.00		
10	16QAM	25	25	21.03	21.00	21.07		
10	16QAM	50	0	20.98	21.00	21.01		
10	64QAM	1	0	21.08	20.87	20.97	22.8	1
10	64QAM	1	25	20.90	20.92	20.93		
10	64QAM	1	49	20.92	20.94	20.89		
10	64QAM	25	0	19.87	19.90	19.86	21.8	2
10	64QAM	25	12	19.83	19.90	19.90		
10	64QAM	25	25	20.01	19.96	20.08		
10	64QAM	50	0	20.09	19.97	20.00		
10	256QAM	1	0	17.97	17.92	18.06	19.8	4
10	256QAM	1	25	17.95	17.95	18.10		
10	256QAM	1	49	18.05	18.08	17.98		
10	256QAM	25	0	17.89	17.92	17.87	19.8	4
10	256QAM	25	12	17.90	17.85	17.85		
10	256QAM	25	25	17.91	17.83	17.83		
10	256QAM	50	0	18.01	17.89	17.87		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.10	22.14	22.07	23.8	0
5	QPSK	1	12	21.96	22.09	22.04		
5	QPSK	1	24	21.99	22.03	22.08		
5	QPSK	12	0	22.14	22.11	22.07	23.8	0
5	QPSK	12	7	22.06	22.13	22.11		
5	QPSK	12	13	22.00	22.01	22.02		
5	QPSK	25	0	21.96	22.00	22.02		
5	16QAM	1	0	22.05	22.00	22.08	23.8	0
5	16QAM	1	12	22.04	22.06	22.11		
5	16QAM	1	24	22.11	22.01	22.03		
5	16QAM	12	0	20.88	20.94	20.89	22.8	1
5	16QAM	12	7	20.86	20.89	21.01		
5	16QAM	12	13	21.01	20.96	21.08		
5	16QAM	25	0	20.92	21.06	21.00		
5	64QAM	1	0	21.03	20.86	21.00	22.8	1
5	64QAM	1	12	20.92	20.93	20.91		
5	64QAM	1	24	20.94	20.87	20.84		
5	64QAM	12	0	19.81	19.96	19.85	21.8	2
5	64QAM	12	7	19.81	19.92	19.81		
5	64QAM	12	13	20.01	20.00	20.12		
5	64QAM	25	0	20.02	19.96	19.98		
5	256QAM	1	0	18.01	17.97	18.10	19.8	4
5	256QAM	1	12	18.06	17.97	18.10		
5	256QAM	1	24	17.94	18.15	17.98		
5	256QAM	12	0	17.90	17.90	17.88	19.8	4
5	256QAM	12	7	17.85	17.92	17.91		
5	256QAM	12	13	17.85	17.92	17.86		
5	256QAM	25	0	17.93	17.80	17.84		

Band 66_ANT 5(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.62	19.65	19.61	20.3	0
20	QPSK	1	49	19.61	19.61	19.59		
20	QPSK	1	99	19.60	19.53	19.55		
20	QPSK	50	0	19.60	19.62	19.61	20.3	0
20	QPSK	50	24	19.55	19.56	19.58		
20	QPSK	50	50	19.53	19.55	19.53		
20	QPSK	100	0	19.53	19.54	19.51		
20	16QAM	1	0	19.51	19.55	19.50	20.3	0
20	16QAM	1	49	19.51	19.58	19.54		
20	16QAM	1	99	19.60	19.60	19.60		
20	16QAM	50	0	19.54	19.54	19.52	20.3	0
20	16QAM	50	24	19.56	19.57	19.54		
20	16QAM	50	50	19.59	19.50	19.56		
20	16QAM	100	0	19.60	19.57	19.56		
20	64QAM	1	0	19.50	19.61	19.50	20.3	0
20	64QAM	1	49	19.52	19.52	19.58		
20	64QAM	1	99	19.51	19.55	19.62		
20	64QAM	50	0	19.56	19.55	19.62	20.3	0
20	64QAM	50	24	19.62	19.58	19.59		
20	64QAM	50	50	19.54	19.61	19.53		
20	64QAM	100	0	19.58	19.62	19.55		
20	256QAM	1	0	19.13	19.00	19.15	19.8	0.5
20	256QAM	1	49	19.17	19.04	19.00		
20	256QAM	1	99	18.88	18.89	18.91		
20	256QAM	50	0	18.89	18.87	18.95	19.8	0.5
20	256QAM	50	24	18.84	18.83	18.74		
20	256QAM	50	50	18.78	18.78	18.78		
20	256QAM	100	0	18.88	18.85	18.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.54	19.61	19.50	20.3	0
15	QPSK	1	37	19.55	19.53	19.50		
15	QPSK	1	74	19.55	19.51	19.42		
15	QPSK	36	0	19.53	19.54	19.58	20.3	0
15	QPSK	36	20	19.52	19.46	19.52		
15	QPSK	36	39	19.45	19.41	19.46		
15	QPSK	75	0	19.47	19.41	19.43		
15	16QAM	1	0	19.45	19.51	19.44	20.3	0
15	16QAM	1	37	19.41	19.55	19.47		
15	16QAM	1	74	19.53	19.53	19.57		
15	16QAM	36	0	19.47	19.52	19.45	20.3	0
15	16QAM	36	20	19.44	19.46	19.42		
15	16QAM	36	39	19.50	19.40	19.50		
15	16QAM	75	0	19.56	19.51	19.47		
15	64QAM	1	0	19.47	19.58	19.39	20.3	0
15	64QAM	1	37	19.41	19.47	19.47		
15	64QAM	1	74	19.43	19.53	19.58		
15	64QAM	36	0	19.47	19.48	19.57	20.3	0
15	64QAM	36	20	19.53	19.55	19.47		
15	64QAM	36	39	19.50	19.54	19.47		
15	64QAM	75	0	19.53	19.59	19.50		
15	256QAM	1	0	19.10	18.90	19.03	19.8	0.5
15	256QAM	1	37	19.15	18.96	18.96		
15	256QAM	1	74	18.80	18.85	18.78		
15	256QAM	36	0	18.83	18.77	18.92	19.8	0.5
15	256QAM	36	20	18.79	18.78	18.71		
15	256QAM	36	39	18.75	18.74	18.75		
15	256QAM	75	0	18.84	18.82	18.71		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.54	19.60	19.56	20.3	0
10	QPSK	1	25	19.58	19.59	19.52		
10	QPSK	1	49	19.58	19.48	19.48		
10	QPSK	25	0	19.58	19.52	19.52	20.3	0
10	QPSK	25	12	19.44	19.54	19.49		
10	QPSK	25	25	19.42	19.45	19.49		
10	QPSK	50	0	19.43	19.38	19.46		
10	16QAM	1	0	19.40	19.42	19.37	20.3	0
10	16QAM	1	25	19.49	19.50	19.41		
10	16QAM	1	49	19.47	19.48	19.53		
10	16QAM	25	0	19.48	19.45	19.49	20.3	0
10	16QAM	25	12	19.47	19.50	19.42		
10	16QAM	25	25	19.51	19.43	19.52		
10	16QAM	50	0	19.50	19.52	19.48		
10	64QAM	1	0	19.39	19.55	19.41	20.3	0
10	64QAM	1	25	19.40	19.49	19.56		
10	64QAM	1	49	19.49	19.50	19.52		
10	64QAM	25	0	19.45	19.49	19.51	20.3	0
10	64QAM	25	12	19.52	19.49	19.47		
10	64QAM	25	25	19.47	19.58	19.51		
10	64QAM	50	0	19.50	19.50	19.53		
10	256QAM	1	0	19.06	18.93	19.13	19.8	0.5
10	256QAM	1	25	19.15	18.98	18.98		
10	256QAM	1	49	18.79	18.77	18.82		
10	256QAM	25	0	18.83	18.84	18.86	19.8	0.5
10	256QAM	25	12	18.78	18.74	18.61		
10	256QAM	25	25	18.68	18.67	18.76		
10	256QAM	50	0	18.78	18.74	18.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.49	19.53	19.53	20.3	0
5	QPSK	1	12	19.55	19.57	19.48		
5	QPSK	1	24	19.56	19.43	19.53		
5	QPSK	12	0	19.50	19.56	19.55	20.3	0
5	QPSK	12	7	19.44	19.53	19.52		
5	QPSK	12	13	19.41	19.40	19.49		
5	QPSK	25	0	19.51	19.43	19.40		
5	16QAM	1	0	19.42	19.42	19.42	20.3	0
5	16QAM	1	12	19.44	19.49	19.51		
5	16QAM	1	24	19.55	19.49	19.53		
5	16QAM	12	0	19.46	19.41	19.50	20.3	0
5	16QAM	12	7	19.44	19.47	19.43		
5	16QAM	12	13	19.48	19.39	19.43		
5	16QAM	25	0	19.56	19.50	19.46		
5	64QAM	1	0	19.46	19.50	19.46	20.3	0
5	64QAM	1	12	19.41	19.41	19.45		
5	64QAM	1	24	19.43	19.52	19.57		
5	64QAM	12	0	19.48	19.53	19.58	20.3	0
5	64QAM	12	7	19.58	19.56	19.47		
5	64QAM	12	13	19.49	19.56	19.48		
5	64QAM	25	0	19.56	19.55	19.53		
5	256QAM	1	0	19.05	18.89	19.11	19.8	0.5
5	256QAM	1	12	19.06	18.97	18.87		
5	256QAM	1	24	18.81	18.77	18.89		
5	256QAM	12	0	18.79	18.80	18.86	19.8	0.5
5	256QAM	12	7	18.82	18.78	18.63		
5	256QAM	12	13	18.68	18.70	18.72		
5	256QAM	25	0	18.77	18.80	18.74		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.51	19.57	19.57	20.3	0
3	QPSK	1	8	19.48	19.56	19.51		
3	QPSK	1	14	19.47	19.46	19.52		
3	QPSK	8	0	19.47	19.60	19.50	20.3	0
3	QPSK	8	4	19.51	19.51	19.54		
3	QPSK	8	7	19.42	19.48	19.46		
3	QPSK	15	0	19.43	19.44	19.46		
3	16QAM	1	0	19.44	19.53	19.37	20.3	0
3	16QAM	1	8	19.45	19.45	19.43		
3	16QAM	1	14	19.49	19.51	19.49		
3	16QAM	8	0	19.50	19.49	19.39	20.3	0
3	16QAM	8	4	19.49	19.44	19.51		
3	16QAM	8	7	19.55	19.45	19.45		
3	16QAM	15	0	19.51	19.52	19.53		
3	64QAM	1	0	19.39	19.56	19.48	20.3	0
3	64QAM	1	8	19.45	19.45	19.47		
3	64QAM	1	14	19.48	19.42	19.53		
3	64QAM	8	0	19.48	19.47	19.53	20.3	0
3	64QAM	8	4	19.51	19.55	19.49		
3	64QAM	8	7	19.52	19.49	19.48		
3	64QAM	15	0	19.45	19.51	19.43		
3	256QAM	1	0	19.09	18.98	19.09	19.8	0.5
3	256QAM	1	8	19.08	19.01	18.88		
3	256QAM	1	14	18.80	18.76	18.87		
3	256QAM	8	0	18.83	18.76	18.90	19.8	0.5
3	256QAM	8	4	18.79	18.80	18.64		
3	256QAM	8	7	18.66	18.72	18.65		
3	256QAM	15	0	18.83	18.72	18.70		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.56	19.55	19.55	20.3	0
1.4	QPSK	1	3	19.50	19.58	19.53		
1.4	QPSK	1	5	19.50	19.41	19.51		
1.4	QPSK	3	0	19.51	19.50	19.56		
1.4	QPSK	3	1	19.43	19.46	19.45		
1.4	QPSK	3	3	19.43	19.48	19.48		
1.4	QPSK	6	0	19.43	19.47	19.38	20.3	0
1.4	16QAM	1	0	19.49	19.49	19.37	20.3	0
1.4	16QAM	1	3	19.48	19.53	19.52		
1.4	16QAM	1	5	19.57	19.49	19.57		
1.4	16QAM	3	0	19.47	19.42	19.47		
1.4	16QAM	3	1	19.50	19.54	19.48		
1.4	16QAM	3	3	19.55	19.38	19.48		
1.4	16QAM	6	0	19.48	19.51	19.45	20.3	0
1.4	64QAM	1	0	19.48	19.50	19.45	20.3	0
1.4	64QAM	1	3	19.42	19.42	19.48		
1.4	64QAM	1	5	19.42	19.42	19.54		
1.4	64QAM	3	0	19.51	19.46	19.51		
1.4	64QAM	3	1	19.55	19.49	19.47		
1.4	64QAM	3	3	19.46	19.55	19.41		
1.4	64QAM	6	0	19.46	19.56	19.44	20.3	0
1.4	256QAM	1	0	19.01	18.88	19.13	19.8	0.5
1.4	256QAM	1	3	19.15	18.93	18.89		
1.4	256QAM	1	5	18.77	18.86	18.88		
1.4	256QAM	3	0	18.76	18.79	18.90		
1.4	256QAM	3	1	18.77	18.78	18.65		
1.4	256QAM	3	3	18.67	18.71	18.74		
1.4	256QAM	6	0	18.83	18.79	18.73	19.8	0.5

Band 48_ANT 10(DSI9&14)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.04	21.26	21.12	21.15	21.8	0
20	QPSK	1	49	21.02	21.07	21.09	21.13		
20	QPSK	1	99	20.95	21.05	21.04	21.11		
20	QPSK	50	0	21.09	21.25	21.19	21.24	21.8	0
20	QPSK	50	24	21.06	21.14	21.16	21.23		
20	QPSK	50	50	21.02	21.07	21.06	21.20		
20	QPSK	100	0	21.08	21.24	21.15	21.23		
20	16QAM	1	0	21.04	21.07	21.13	20.97	21.8	0
20	16QAM	1	49	20.98	21.09	21.10	21.07		
20	16QAM	1	99	20.93	21.10	20.92	21.05		
20	16QAM	50	0	20.94	21.07	20.98	21.02	21.8	0
20	16QAM	50	24	21.01	21.07	21.02	21.00		
20	16QAM	50	50	20.90	21.06	20.93	20.97		
20	16QAM	100	0	20.94	21.05	21.00	21.02		
20	64QAM	1	0	20.96	21.14	21.12	21.12	21.8	0
20	64QAM	1	49	20.95	21.07	21.13	21.18		
20	64QAM	1	99	21.08	21.15	21.01	21.16		
20	64QAM	50	0	21.04	21.15	21.10	21.09	21.8	0
20	64QAM	50	24	21.08	21.13	21.08	21.11		
20	64QAM	50	50	21.00	21.15	21.00	21.03		
20	64QAM	100	0	21.05	21.12	21.22	21.25		
20	256QAM	1	0	19.14	19.16	19.13	19.18	19.8	2
20	256QAM	1	49	19.12	19.10	19.09	19.11		
20	256QAM	1	99	19.16	19.15	19.07	19.11		
20	256QAM	50	0	19.19	19.24	19.15	19.22	19.8	2
20	256QAM	50	24	19.21	19.30	19.21	19.26		
20	256QAM	50	50	19.14	19.30	19.14	19.17		
20	256QAM	100	0	19.19	19.28	19.20	19.25		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.87	20.98	20.91	20.91	21.8	0
15	QPSK	1	37	20.77	20.86	20.93	20.84		
15	QPSK	1	74	20.72	21.06	20.79	20.91		
15	QPSK	36	0	20.92	21.04	20.98	20.90	21.8	0
15	QPSK	36	20	21.01	21.04	21.04	20.96		
15	QPSK	36	39	20.82	21.11	21.01	20.90		
15	QPSK	75	0	20.94	21.15	20.88	21.05		
15	16QAM	1	0	20.90	20.89	21.11	20.87	21.8	0
15	16QAM	1	37	20.86	20.95	21.08	20.86		
15	16QAM	1	74	20.79	20.97	20.79	20.83		
15	16QAM	36	0	20.92	21.04	20.86	20.99	21.8	0
15	16QAM	36	20	20.90	20.96	20.97	20.98		
15	16QAM	36	39	20.78	20.94	20.83	20.94		
15	16QAM	75	0	20.79	20.96	20.98	20.93		
15	64QAM	1	0	20.78	21.03	21.04	21.02	21.8	0
15	64QAM	1	37	20.84	20.95	20.98	20.96		
15	64QAM	1	74	21.01	21.10	20.83	21.08		
15	64QAM	36	0	21.08	21.18	21.20	21.11	21.8	0
15	64QAM	36	20	21.13	21.13	21.02	21.16		
15	64QAM	36	39	20.93	21.11	21.02	21.04		
15	64QAM	75	0	21.11	21.18	21.05	21.20		
15	256QAM	1	0	19.10	19.10	19.17	19.17	19.8	2
15	256QAM	1	37	19.06	19.06	19.06	19.12		
15	256QAM	1	74	19.09	19.11	19.18	19.14		
15	256QAM	36	0	19.13	19.05	19.14	19.13	19.8	2
15	256QAM	36	20	19.12	19.13	19.08	19.02		
15	256QAM	36	39	19.00	19.03	19.04	19.05		
15	256QAM	75	0	19.03	19.04	19.03	19.10		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.93	21.06	21.03	20.81	21.8	0
10	QPSK	1	25	20.83	20.92	20.85	20.94		
10	QPSK	1	49	20.70	21.03	20.82	20.97		
10	QPSK	25	0	20.91	21.18	21.07	21.07	21.8	0
10	QPSK	25	12	21.02	20.98	21.05	21.00		
10	QPSK	25	25	20.88	21.10	20.96	20.91		
10	QPSK	50	0	20.90	21.16	20.99	20.98		
10	16QAM	1	0	20.86	20.96	21.01	20.94	21.8	0
10	16QAM	1	25	20.84	20.96	21.05	20.85		
10	16QAM	1	49	20.79	20.91	20.77	20.98		
10	16QAM	25	0	20.87	21.05	20.89	20.95	21.8	0
10	16QAM	25	12	20.94	20.89	20.95	20.89		
10	16QAM	25	25	20.68	20.86	20.85	20.80		
10	16QAM	50	0	20.80	20.85	20.97	20.89		
10	64QAM	1	0	20.89	21.02	21.04	21.08	21.8	0
10	64QAM	1	25	20.76	21.04	21.10	20.97		
10	64QAM	1	49	20.98	21.06	20.93	21.12		
10	64QAM	25	0	21.16	21.21	21.17	21.16	21.8	0
10	64QAM	25	12	21.14	21.21	21.18	21.16		
10	64QAM	25	25	21.05	21.19	20.94	21.03		
10	64QAM	50	0	21.02	21.22	21.18	21.18		
10	256QAM	1	0	19.20	19.26	19.29	19.30	19.8	2
10	256QAM	1	25	19.16	19.23	19.16	19.25		
10	256QAM	1	49	19.29	19.26	19.20	19.24		
10	256QAM	25	0	19.16	19.15	19.29	19.18	19.8	2
10	256QAM	25	12	19.18	19.23	19.26	19.25		
10	256QAM	25	25	19.26	19.20	19.27	19.19		
10	256QAM	50	0	19.22	19.25	19.26	19.18		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.97	21.06	20.86	20.96	21.8	0
5	QPSK	1	12	20.73	20.88	20.98	20.91		
5	QPSK	1	24	20.71	20.94	20.80	20.98		
5	QPSK	12	0	20.90	21.15	20.99	21.02	21.8	0
5	QPSK	12	7	20.94	21.07	21.09	21.08		
5	QPSK	12	13	20.87	21.06	20.89	21.03		
5	QPSK	25	0	21.01	21.12	20.92	20.92		
5	16QAM	1	0	21.01	20.86	21.05	20.89	21.8	0
5	16QAM	1	12	20.81	20.92	20.95	20.95		
5	16QAM	1	24	20.79	21.05	20.87	20.95		
5	16QAM	12	0	20.88	20.96	20.86	20.86	21.8	0
5	16QAM	12	7	20.85	20.90	20.93	20.85		
5	16QAM	12	13	20.83	21.02	20.84	20.95		
5	16QAM	25	0	20.87	20.94	20.98	20.92		
5	64QAM	1	0	20.75	20.93	21.08	21.09	21.8	0
5	64QAM	1	12	20.90	21.03	20.96	21.10		
5	64QAM	1	24	21.03	21.04	20.97	20.98		
5	64QAM	12	0	21.04	21.11	21.17	21.22	21.8	0
5	64QAM	12	7	21.10	21.09	21.20	21.15		
5	64QAM	12	13	21.09	21.11	20.97	21.07		
5	64QAM	25	0	21.12	21.15	21.06	21.09		
5	256QAM	1	0	19.22	19.19	19.24	19.25	19.8	2
5	256QAM	1	12	19.16	19.11	19.23	19.16		
5	256QAM	1	24	19.24	19.16	19.13	19.12		
5	256QAM	12	0	19.15	19.15	19.25	19.26	19.8	2
5	256QAM	12	7	19.28	19.20	19.25	19.25		
5	256QAM	12	13	19.20	19.24	19.15	19.29		
5	256QAM	25	0	19.20	19.27	19.18	19.28		

GSM850_ANT 1(DSI5)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.80	32.59	32.89	33.80	23.80	23.59	23.89	24.80
GPRS 1 Tx slot		32.75	32.55	32.88	33.80	23.75	23.55	23.88	24.80
GPRS 2 Tx slots		29.80	29.55	29.76	30.80	23.80	23.55	23.76	24.80
GPRS 3 Tx slots		27.90	27.80	28.35	29.00	23.64	23.54	24.09	24.74
GPRS 4 Tx slots		26.65	26.30	26.80	27.80	23.65	23.30	23.80	24.80
EDGE 1 Tx slot		25.70	25.50	25.95	26.80	16.70	16.50	16.95	17.80
EDGE 2 Tx slots		23.88	23.80	24.00	24.80	17.88	17.80	18.00	18.80
EDGE 3 Tx slots		22.15	22.12	22.65	23.00	17.89	17.86	18.39	18.74
EDGE 4 Tx slots		21.30	21.20	21.70	22.30	18.30	18.20	18.70	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	29.81	29.38	29.72	30.80	23.72	23.39	23.71	24.78
	GPRS 1 Tx slot	29.66	29.45	29.75	30.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.69	29.50	29.63	30.80	23.70	23.51	23.63	24.78
	GPRS 1 Tx slot	29.75	29.57	29.68	30.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.95	27.88	28.45	29.00	23.66	23.58	24.18	24.74
	GPRS 2 Tx slots	27.90	27.82	28.44	29.00				
DTM Multi-slot class 5	GSM 1 Tx slot	29.74	29.59	29.86	30.80	21.66	21.50	21.77	22.74
	EDGE 1 Tx slot	23.65	23.44	23.70	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.78	29.61	29.78	30.80	21.67	21.52	21.71	22.74
	EDGE 1 Tx slot	23.53	23.45	23.72	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.86	27.75	28.44	29.00	20.57	20.53	21.17	21.74
	EDGE 2 Tx slots	21.78	21.88	22.42	23.00				

GSM1900_ANT 3(DSI5)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.41	29.38	29.48	30.80	20.41	20.38	20.48	21.80
GPRS 1 Tx slot		29.50	29.50	29.56	30.80	20.50	20.50	20.56	21.80
GPRS 2 Tx slots		26.33	26.36	26.38	27.80	20.33	20.36	20.38	21.80
GPRS 3 Tx slots		24.48	24.63	24.65	26.00	20.22	20.37	20.39	21.74
GPRS 4 Tx slots		23.00	22.99	23.10	24.80	20.00	19.99	20.10	21.80
EDGE 1 Tx slot		24.54	24.61	24.46	25.80	15.54	15.61	15.46	16.80
EDGE 2 Tx slots		22.91	23.05	23.10	24.80	16.91	17.05	17.10	18.80
EDGE 3 Tx slots		20.94	20.96	20.86	22.80	16.68	16.70	16.60	18.54
EDGE 4 Tx slots		20.46	20.40	20.36	22.30	17.46	17.40	17.36	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	26.17	26.19	26.30	27.80	20.18	20.23	20.30	21.78
	GPRS 1 Tx slot	26.24	26.31	26.35	27.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.25	26.21	26.35	27.80	20.26	20.22	20.35	21.78
	GPRS 1 Tx slot	26.32	26.28	26.39	27.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.44	24.68	24.59	26.00	20.19	20.36	20.42	21.74
	GPRS 2 Tx slots	24.46	24.59	24.73	26.00				
DTM Multi-slot class 5	GSM 1 Tx slot	26.35	26.46	26.38	27.80	18.87	18.99	18.91	20.53
	EDGE 1 Tx slot	22.69	22.81	22.74	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.36	26.33	26.38	27.80	18.85	18.86	18.94	20.53
	EDGE 1 Tx slot	22.59	22.68	22.85	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.55	24.60	24.68	26.00	18.09	18.11	18.17	19.89
	EDGE 2 Tx slots	20.62	20.59	20.64	22.80				

Band		WCDMA II_ANT 3(DSI5)			Tune-up Limit (dBm)	WCDMA IV_ANT 3(DSI5)			Tune-up Limit (dBm)	WCDMA V_ANT 1(DSI5)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.09	20.26	20.13	21.30	19.93	20.07	20.07	21.00	24.08	24.07	24.07	24.80
3GPP Rel 99	RMC 12.2Kbps	20.11	20.27	20.14	21.30	19.94	20.09	20.08	21.00	24.09	24.08	24.08	24.80
3GPP Rel 6	HSDPA Subtest-1	19.28	19.40	19.31	20.30	19.20	19.10	19.17	20.00	23.01	23.00	23.02	23.80
3GPP Rel 6	HSDPA Subtest-2	19.32	19.40	19.37	20.30	19.14	19.04	19.20	20.00	23.00	22.98	23.03	23.80
3GPP Rel 6	HSDPA Subtest-3	18.71	18.92	18.78	20.30	18.60	18.53	18.65	20.00	22.52	22.49	22.51	23.80
3GPP Rel 6	HSDPA Subtest-4	18.83	18.95	18.79	20.30	18.54	18.59	18.73	20.00	22.50	22.48	22.50	23.80
3GPP Rel 8	DC-HSDPA Subtest-1	19.00	19.21	18.97	20.30	18.84	18.85	18.76	20.00	22.85	22.82	22.90	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	19.19	18.95	19.15	20.30	18.72	18.68	18.82	20.00	22.88	22.84	22.92	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	18.72	18.65	18.73	20.30	18.24	18.33	18.34	20.00	22.45	22.48	22.51	23.80
3GPP Rel 8	DC-HSDPA Subtest-4	18.57	18.71	18.69	20.30	18.32	18.40	18.20	20.00	22.49	22.50	22.50	23.80
3GPP Rel 6	HSUPA Subtest-1	19.45	19.52	19.45	21.30	19.10	19.18	19.14	21.00	22.33	22.34	22.37	24.80
3GPP Rel 6	HSUPA Subtest-2	17.45	17.52	17.36	19.30	16.29	16.22	16.28	17.00	20.87	20.86	20.88	22.80
3GPP Rel 6	HSUPA Subtest-3	18.33	18.63	18.45	19.30	16.58	16.70	16.59	17.00	21.82	21.81	21.80	22.80
3GPP Rel 6	HSUPA Subtest-4	17.40	17.62	17.42	19.30	16.23	16.19	16.25	17.00	20.86	20.88	20.93	22.80
3GPP Rel 6	HSUPA Subtest-5	19.52	19.54	19.50	21.30	19.18	19.16	19.24	21.00	22.82	22.81	22.85	24.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.60	18.71	18.69	19.30	18.36	18.29	18.41	19.00	21.99	21.95	21.96	22.00

GSM850_ANT 1(DSI10)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.80	32.59	32.89	33.80	23.80	23.59	23.89	24.80
GPRS 1 Tx slot		32.75	32.55	32.88	33.80	23.75	23.55	23.88	24.80
GPRS 2 Tx slots		29.80	29.55	29.76	30.80	23.80	23.55	23.76	24.80
GPRS 3 Tx slots		27.90	27.80	28.35	29.00	23.64	23.54	24.09	24.74
GPRS 4 Tx slots		26.65	26.30	26.80	27.80	23.65	23.30	23.80	24.80
EDGE 1 Tx slot		25.70	25.50	25.95	26.80	16.70	16.50	16.95	17.80
EDGE 2 Tx slots		23.88	23.80	24.00	24.80	17.88	17.80	18.00	18.80
EDGE 3 Tx slots		22.15	22.12	22.65	23.00	17.89	17.86	18.39	18.74
EDGE 4 Tx slots		21.30	21.20	21.70	22.30	18.30	18.20	18.70	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	29.81	29.38	29.72	30.80	23.72	23.39	23.71	24.78
	GPRS 1 Tx slot	29.66	29.45	29.75	30.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.69	29.50	29.63	30.80	23.70	23.51	23.63	24.78
	GPRS 1 Tx slot	29.75	29.57	29.68	30.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.95	27.88	28.45	29.00	23.66	23.58	24.18	24.74
	GPRS 2 Tx slots	27.90	27.82	28.44	29.00				
DTM Multi-slot class 5	GSM 1 Tx slot	29.74	29.59	29.86	30.80	21.66	21.50	21.77	22.74
	EDGE 1 Tx slot	23.65	23.44	23.70	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.78	29.61	29.78	30.80	21.67	21.52	21.71	22.74
	EDGE 1 Tx slot	23.53	23.45	23.72	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.86	27.75	28.44	29.00	20.57	20.53	21.17	21.74
	EDGE 2 Tx slots	21.78	21.88	22.42	23.00				

GSM1900_ANT 3(DSI10)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.41	29.38	29.48	30.80	20.41	20.38	20.48	21.80
GPRS 1 Tx slot		29.50	29.50	29.56	30.80	20.50	20.50	20.56	21.80
GPRS 2 Tx slots		26.33	26.36	26.38	27.80	20.33	20.36	20.38	21.80
GPRS 3 Tx slots		24.48	24.63	24.65	26.00	20.22	20.37	20.39	21.74
GPRS 4 Tx slots		23.00	22.99	23.10	24.80	20.00	19.99	20.10	21.80
EDGE 1 Tx slot		24.54	24.61	24.46	25.80	15.54	15.61	15.46	16.80
EDGE 2 Tx slots		22.91	23.05	23.10	24.80	16.91	17.05	17.10	18.80
EDGE 3 Tx slots		20.94	20.96	20.86	22.80	16.68	16.70	16.60	18.54
EDGE 4 Tx slots		20.46	20.40	20.36	22.30	17.46	17.40	17.36	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	26.35	26.24	26.32	27.80	20.31	20.21	20.30	21.78
	GPRS 1 Tx slot	26.31	26.23	26.33	27.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.32	26.28	26.21	27.80	20.30	20.28	20.29	21.78
	GPRS 1 Tx slot	26.32	26.33	26.40	27.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.53	24.66	24.65	26.00	20.22	20.44	20.43	21.74
	GPRS 2 Tx slots	24.46	24.72	24.71	26.00				
DTM Multi-slot class 5	GSM 1 Tx slot	26.43	26.33	26.34	27.80	18.88	18.89	18.92	20.53
	EDGE 1 Tx slot	22.53	22.80	22.87	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.43	26.35	26.48	27.80	18.90	18.92	19.00	20.53
	EDGE 1 Tx slot	22.60	22.83	22.81	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.54	24.69	24.62	26.00	18.13	18.18	18.11	19.89
	EDGE 2 Tx slots	20.72	20.64	20.57	22.80				

Band		WCDMA II_ANT 3(DSI10)			Tune-up Limit (dBm)	WCDMA IV_ANT 3(DSI10)			Tune-up Limit (dBm)	WCDMA V_ANT 1(DSI10)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.60	19.76	19.63	20.80	19.93	20.07	20.07	21.00	24.08	24.07	24.07	24.80
3GPP Rel 99	RMC 12.2Kbps	19.61	19.77	19.64	20.80	19.94	20.09	20.08	21.00	24.09	24.08	24.08	24.80
3GPP Rel 6	HSDPA Subtest-1	18.80	18.91	18.87	19.80	19.20	19.10	19.17	20.00	23.01	23.00	23.02	23.80
3GPP Rel 6	HSDPA Subtest-2	18.82	18.97	18.84	19.80	19.14	19.04	19.20	20.00	23.00	22.98	23.03	23.80
3GPP Rel 6	HSDPA Subtest-3	18.23	18.37	18.38	19.80	18.60	18.53	18.65	20.00	22.52	22.49	22.51	23.80
3GPP Rel 6	HSDPA Subtest-4	18.34	18.45	18.33	19.80	18.54	18.59	18.73	20.00	22.50	22.48	22.50	23.80
3GPP Rel 8	DC-HSDPA Subtest-1	18.50	18.64	18.50	19.80	18.84	18.85	18.76	20.00	22.85	22.82	22.90	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	18.61	18.48	18.68	19.80	18.72	18.68	18.82	20.00	22.88	22.84	22.92	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	18.27	18.20	18.14	19.80	18.24	18.33	18.34	20.00	22.45	22.48	22.51	23.80
3GPP Rel 8	DC-HSDPA Subtest-4	18.15	18.20	18.19	19.80	18.32	18.40	18.20	20.00	22.49	22.50	22.50	23.80
3GPP Rel 6	HSUPA Subtest-1	19.00	19.03	18.92	20.80	19.10	19.18	19.14	21.00	22.33	22.34	22.37	24.80
3GPP Rel 6	HSUPA Subtest-2	16.96	17.01	16.83	18.80	16.29	16.22	16.28	17.00	20.87	20.86	20.88	22.80
3GPP Rel 6	HSUPA Subtest-3	17.92	18.14	18.05	18.80	16.58	16.70	16.59	17.00	21.82	21.81	21.80	22.80
3GPP Rel 6	HSUPA Subtest-4	16.96	17.10	16.92	18.80	16.23	16.19	16.25	17.00	20.86	20.88	20.93	22.80
3GPP Rel 6	HSUPA Subtest-5	19.10	19.11	18.95	20.80	19.18	19.16	19.24	21.00	22.82	22.81	22.85	24.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.10	18.19	18.14	18.80	18.36	18.29	18.41	19.00	21.99	21.95	21.96	22.00

GSM850_ANT 1(DSI15)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.80	32.59	32.89	33.80	23.80	23.59	23.89	24.80
GPRS 1 Tx slot		32.75	32.55	32.88	33.80	23.75	23.55	23.88	24.80
GPRS 2 Tx slots		29.80	29.55	29.76	30.80	23.80	23.55	23.76	24.80
GPRS 3 Tx slots		27.90	27.80	28.35	29.00	23.64	23.54	24.09	24.74
GPRS 4 Tx slots		26.65	26.30	26.80	27.80	23.65	23.30	23.80	24.80
EDGE 1 Tx slot		25.70	25.50	25.95	26.80	16.70	16.50	16.95	17.80
EDGE 2 Tx slots		23.88	23.80	24.00	24.80	17.88	17.80	18.00	18.80
EDGE 3 Tx slots		22.15	22.12	22.65	23.00	17.89	17.86	18.39	18.74
EDGE 4 Tx slots		21.30	21.20	21.70	22.30	18.30	18.20	18.70	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	29.81	29.38	29.72	30.80	23.72	23.39	23.71	24.78
	GPRS 1 Tx slot	29.66	29.45	29.75	30.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.69	29.50	29.63	30.80	23.70	23.51	23.63	24.78
	GPRS 1 Tx slot	29.75	29.57	29.68	30.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.95	27.88	28.45	29.00	23.66	23.58	24.18	24.74
	GPRS 2 Tx slots	27.90	27.82	28.44	29.00				
DTM Multi-slot class 5	GSM 1 Tx slot	29.74	29.59	29.86	30.80	21.66	21.50	21.77	22.74
	EDGE 1 Tx slot	23.65	23.44	23.70	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.78	29.61	29.78	30.80	21.67	21.52	21.71	22.74
	EDGE 1 Tx slot	23.53	23.45	23.72	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.86	27.75	28.44	29.00	20.57	20.53	21.17	21.74
	EDGE 2 Tx slots	21.78	21.88	22.42	23.00				

GSM1900_ANT 3(DSI15)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.41	29.38	29.48	30.80	20.41	20.38	20.48	21.80
GPRS 1 Tx slot		29.50	29.50	29.56	30.80	20.50	20.50	20.56	21.80
GPRS 2 Tx slots		26.33	26.36	26.38	27.80	20.33	20.36	20.38	21.80
GPRS 3 Tx slots		24.48	24.63	24.65	26.00	20.22	20.37	20.39	21.74
GPRS 4 Tx slots		23.00	22.99	23.10	24.80	20.00	19.99	20.10	21.80
EDGE 1 Tx slot		24.54	24.61	24.46	25.80	15.54	15.61	15.46	16.80
EDGE 2 Tx slots		22.91	23.05	23.10	24.80	16.91	17.05	17.10	18.80
EDGE 3 Tx slots		20.94	20.96	20.86	22.80	16.68	16.70	16.60	18.54
EDGE 4 Tx slots		20.46	20.40	20.36	22.30	17.46	17.40	17.36	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	26.35	26.32	26.24	27.80	20.27	20.33	20.24	21.78
	GPRS 1 Tx slot	26.23	26.38	26.29	27.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.19	26.32	26.37	27.80	20.25	20.32	20.30	21.78
	GPRS 1 Tx slot	26.35	26.37	26.27	27.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.54	24.66	24.69	26.00	20.25	20.37	20.40	21.74
	GPRS 2 Tx slots	24.49	24.61	24.64	26.00				
DTM Multi-slot class 5	GSM 1 Tx slot	26.35	26.37	26.40	27.80	18.87	18.90	18.94	20.53
	EDGE 1 Tx slot	22.69	22.73	22.78	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.34	26.36	26.36	27.80	18.85	18.90	18.93	20.53
	EDGE 1 Tx slot	22.63	22.75	22.85	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.42	24.67	24.70	26.00	18.00	18.15	18.15	19.89
	EDGE 2 Tx slots	20.58	20.60	20.56	22.80				

Band		WCDMA II_ANT 3(DSI15)			Tune-up Limit (dBm)	WCDMA IV_ANT 3(DSI15)			Tune-up Limit (dBm)	WCDMA V_ANT 1(DSI15)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.60	19.76	19.63	20.80	19.93	20.07	20.07	21.00	24.08	24.07	24.07	24.80
3GPP Rel 99	RMC 12.2Kbps	19.61	19.77	19.64	20.80	19.94	20.09	20.08	21.00	24.09	24.08	24.08	24.80
3GPP Rel 6	HSDPA Subtest-1	18.80	18.91	18.87	19.80	19.20	19.10	19.17	20.00	23.01	23.00	23.02	23.80
3GPP Rel 6	HSDPA Subtest-2	18.82	18.97	18.84	19.80	19.14	19.04	19.20	20.00	23.00	22.98	23.03	23.80
3GPP Rel 6	HSDPA Subtest-3	18.23	18.37	18.38	19.80	18.60	18.53	18.65	20.00	22.52	22.49	22.51	23.80
3GPP Rel 6	HSDPA Subtest-4	18.34	18.45	18.33	19.80	18.54	18.59	18.73	20.00	22.50	22.48	22.50	23.80
3GPP Rel 8	DC-HSDPA Subtest-1	18.50	18.64	18.50	19.80	18.84	18.85	18.76	20.00	22.85	22.82	22.90	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	18.61	18.48	18.68	19.80	18.72	18.68	18.82	20.00	22.88	22.84	22.92	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	18.27	18.20	18.14	19.80	18.24	18.33	18.34	20.00	22.45	22.48	22.51	23.80
3GPP Rel 8	DC-HSDPA Subtest-4	18.15	18.20	18.19	19.80	18.32	18.40	18.20	20.00	22.49	22.50	22.50	23.80
3GPP Rel 6	HSUPA Subtest-1	19.00	19.03	18.92	20.80	19.10	19.18	19.14	21.00	22.33	22.34	22.37	24.80
3GPP Rel 6	HSUPA Subtest-2	16.96	17.01	16.83	18.80	16.29	16.22	16.28	17.00	20.87	20.86	20.88	22.80
3GPP Rel 6	HSUPA Subtest-3	17.92	18.14	18.05	18.80	16.58	16.70	16.59	17.00	21.82	21.81	21.80	22.80
3GPP Rel 6	HSUPA Subtest-4	16.96	17.10	16.92	18.80	16.23	16.19	16.25	17.00	20.86	20.88	20.93	22.80
3GPP Rel 6	HSUPA Subtest-5	19.10	19.11	18.95	20.80	19.18	19.16	19.24	21.00	22.82	22.81	22.85	24.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.10	18.19	18.14	18.80	18.36	18.29	18.41	19.00	21.99	21.95	21.96	22.00

GSM850_ANT 1(DSI17)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.80	32.59	32.89	33.80	23.80	23.59	23.89	24.80
GPRS 1 Tx slot		32.75	32.55	32.88	33.80	23.75	23.55	23.88	24.80
GPRS 2 Tx slots		29.80	29.55	29.76	30.80	23.80	23.55	23.76	24.80
GPRS 3 Tx slots		27.90	27.80	28.35	29.00	23.64	23.54	24.09	24.74
GPRS 4 Tx slots		26.65	26.30	26.80	27.80	23.65	23.30	23.80	24.80
EDGE 1 Tx slot		25.70	25.50	25.95	26.80	16.70	16.50	16.95	17.80
EDGE 2 Tx slots		23.88	23.80	24.00	24.80	17.88	17.80	18.00	18.80
EDGE 3 Tx slots		22.15	22.12	22.65	23.00	17.89	17.86	18.39	18.74
EDGE 4 Tx slots		21.30	21.20	21.70	22.30	18.30	18.20	18.70	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	29.81	29.38	29.72	30.80	23.72	23.39	23.71	24.78
	GPRS 1 Tx slot	29.66	29.45	29.75	30.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.69	29.50	29.63	30.80	23.70	23.51	23.63	24.78
	GPRS 1 Tx slot	29.75	29.57	29.68	30.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.95	27.88	28.45	29.00	23.66	23.58	24.18	24.74
	GPRS 2 Tx slots	27.90	27.82	28.44	29.00				
DTM Multi-slot class 5	GSM 1 Tx slot	29.74	29.59	29.86	30.80	21.66	21.50	21.77	22.74
	EDGE 1 Tx slot	23.65	23.44	23.70	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.78	29.61	29.78	30.80	21.67	21.52	21.71	22.74
	EDGE 1 Tx slot	23.53	23.45	23.72	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.86	27.75	28.44	29.00	20.57	20.53	21.17	21.74
	EDGE 2 Tx slots	21.78	21.88	22.42	23.00				

GSM1900_ANT 3(DSI17)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.41	29.38	29.48	30.80	20.41	20.38	20.48	21.80
GPRS 1 Tx slot		29.50	29.50	29.56	30.80	20.50	20.50	20.56	21.80
GPRS 2 Tx slots		26.33	26.36	26.38	27.80	20.33	20.36	20.38	21.80
GPRS 3 Tx slots		24.48	24.63	24.65	26.00	20.22	20.37	20.39	21.74
GPRS 4 Tx slots		23.00	22.99	23.10	24.80	20.00	19.99	20.10	21.80
EDGE 1 Tx slot		24.54	24.61	24.46	25.80	15.54	15.61	15.46	16.80
EDGE 2 Tx slots		22.91	23.05	23.10	24.80	16.91	17.05	17.10	18.80
EDGE 3 Tx slots		20.94	20.96	20.86	22.80	16.68	16.70	16.60	18.54
EDGE 4 Tx slots		20.46	20.40	20.36	22.30	17.46	17.40	17.36	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	26.35	26.32	26.24	27.80	20.27	20.33	20.24	21.78
	GPRS 1 Tx slot	26.23	26.38	26.29	27.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.19	26.32	26.37	27.80	20.25	20.32	20.30	21.78
	GPRS 1 Tx slot	26.35	26.37	26.27	27.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.54	24.66	24.69	26.00	20.25	20.37	20.40	21.74
	GPRS 2 Tx slots	24.49	24.61	24.64	26.00				
DTM Multi-slot class 5	GSM 1 Tx slot	26.35	26.37	26.40	27.80	18.87	18.90	18.94	20.53
	EDGE 1 Tx slot	22.69	22.73	22.78	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.34	26.36	26.36	27.80	18.85	18.90	18.93	20.53
	EDGE 1 Tx slot	22.63	22.75	22.85	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.42	24.67	24.70	26.00	18.00	18.15	18.15	19.89
	EDGE 2 Tx slots	20.58	20.60	20.56	22.80				

Band		WCDMA II_ANT 3(DSI17)			Tune-up Limit (dBm)	WCDMA IV_ANT 3(DSI17)			Tune-up Limit (dBm)	WCDMA V_ANT 1(DSI17)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.09	20.26	20.13	21.30	19.93	20.07	20.07	21.00	24.08	24.07	24.07	24.80
3GPP Rel 99	RMC 12.2Kbps	20.11	20.27	20.14	21.30	19.94	20.09	20.08	21.00	24.09	24.08	24.08	24.80
3GPP Rel 6	HSDPA Subtest-1	19.28	19.40	19.31	20.30	19.20	19.10	19.17	20.00	23.01	23.00	23.02	23.80
3GPP Rel 6	HSDPA Subtest-2	19.32	19.40	19.37	20.30	19.14	19.04	19.20	20.00	23.00	22.98	23.03	23.80
3GPP Rel 6	HSDPA Subtest-3	18.71	18.92	18.78	20.30	18.60	18.53	18.65	20.00	22.52	22.49	22.51	23.80
3GPP Rel 6	HSDPA Subtest-4	18.83	18.95	18.79	20.30	18.54	18.59	18.73	20.00	22.50	22.48	22.50	23.80
3GPP Rel 8	DC-HSDPA Subtest-1	19.00	19.21	18.97	20.30	18.84	18.85	18.76	20.00	22.85	22.82	22.90	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	19.19	18.95	19.15	20.30	18.72	18.68	18.82	20.00	22.88	22.84	22.92	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	18.72	18.65	18.73	20.30	18.24	18.33	18.34	20.00	22.45	22.48	22.51	23.80
3GPP Rel 8	DC-HSDPA Subtest-4	18.57	18.71	18.69	20.30	18.32	18.40	18.20	20.00	22.49	22.50	22.50	23.80
3GPP Rel 6	HSUPA Subtest-1	19.45	19.52	19.45	21.30	19.10	19.18	19.14	21.00	22.33	22.34	22.37	24.80
3GPP Rel 6	HSUPA Subtest-2	17.45	17.52	17.36	19.30	16.29	16.22	16.28	17.00	20.87	20.86	20.88	22.80
3GPP Rel 6	HSUPA Subtest-3	18.33	18.63	18.45	19.30	16.58	16.70	16.59	17.00	21.82	21.81	21.80	22.80
3GPP Rel 6	HSUPA Subtest-4	17.40	17.62	17.42	19.30	16.23	16.19	16.25	17.00	20.86	20.88	20.93	22.80
3GPP Rel 6	HSUPA Subtest-5	19.52	19.54	19.50	21.30	19.18	19.16	19.24	21.00	22.82	22.81	22.85	24.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.60	18.71	18.69	19.30	18.36	18.29	18.41	19.00	21.99	21.95	21.96	22.00

GSM850_ANT 1(DSI2)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.80	32.59	32.89	33.80	23.80	23.59	23.89	24.80
GPRS 1 Tx slot		32.75	32.55	32.88	33.80	23.75	23.55	23.88	24.80
GPRS 2 Tx slots		29.80	29.55	29.76	30.80	23.80	23.55	23.76	24.80
GPRS 3 Tx slots		27.90	27.80	28.35	29.00	23.64	23.54	24.09	24.74
GPRS 4 Tx slots		26.65	26.30	26.80	27.80	23.65	23.30	23.80	24.80
EDGE 1 Tx slot		25.70	25.50	25.95	26.80	16.70	16.50	16.95	17.80
EDGE 2 Tx slots		23.88	23.80	24.00	24.80	17.88	17.80	18.00	18.80
EDGE 3 Tx slots		22.15	22.12	22.65	23.00	17.89	17.86	18.39	18.74
EDGE 4 Tx slots		21.30	21.20	21.70	22.30	18.30	18.20	18.70	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	29.81	29.38	29.72	30.80	23.72	23.39	23.71	24.78
	GPRS 1 Tx slot	29.66	29.45	29.75	30.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.69	29.50	29.63	30.80	23.70	23.51	23.63	24.78
	GPRS 1 Tx slot	29.75	29.57	29.68	30.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.95	27.88	28.45	29.00	23.66	23.58	24.18	24.74
	GPRS 2 Tx slots	27.90	27.82	28.44	29.00				
DTM Multi-slot class 5	GSM 1 Tx slot	29.74	29.59	29.86	30.80	21.66	21.50	21.77	22.74
	EDGE 1 Tx slot	23.65	23.44	23.70	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.78	29.61	29.78	30.80	21.67	21.52	21.71	22.74
	EDGE 1 Tx slot	23.53	23.45	23.72	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.86	27.75	28.44	29.00	20.57	20.53	21.17	21.74
	EDGE 2 Tx slots	21.78	21.88	22.42	23.00				

GSM1900_ANT 3(DSI2)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.41	29.38	29.48	30.80	20.41	20.38	20.48	21.80
GPRS 1 Tx slot		29.50	29.50	29.56	30.80	20.50	20.50	20.56	21.80
GPRS 2 Tx slots		26.33	26.36	26.38	27.80	20.33	20.36	20.38	21.80
GPRS 3 Tx slots		24.48	24.63	24.65	26.00	20.22	20.37	20.39	21.74
GPRS 4 Tx slots		23.00	22.99	23.10	24.80	20.00	19.99	20.10	21.80
EDGE 1 Tx slot		24.54	24.61	24.46	25.80	15.54	15.61	15.46	16.80
EDGE 2 Tx slots		22.91	23.05	23.10	24.80	16.91	17.05	17.10	18.80
EDGE 3 Tx slots		20.94	20.96	20.86	22.80	16.68	16.70	16.60	18.54
EDGE 4 Tx slots		20.46	20.40	20.36	22.30	17.46	17.40	17.36	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	26.35	26.32	26.24	27.80	20.27	20.33	20.24	21.78
	GPRS 1 Tx slot	26.23	26.38	26.29	27.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.19	26.32	26.37	27.80	20.25	20.32	20.30	21.78
	GPRS 1 Tx slot	26.35	26.37	26.27	27.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.54	24.66	24.69	26.00	20.25	20.37	20.40	21.74
	GPRS 2 Tx slots	24.49	24.61	24.64	26.00				
DTM Multi-slot class 5	GSM 1 Tx slot	26.35	26.37	26.40	27.80	18.87	18.90	18.94	20.53
	EDGE 1 Tx slot	22.69	22.73	22.78	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.34	26.36	26.36	27.80	18.85	18.90	18.93	20.53
	EDGE 1 Tx slot	22.63	22.75	22.85	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.42	24.67	24.70	26.00	18.00	18.15	18.15	19.89
	EDGE 2 Tx slots	20.58	20.60	20.56	22.80				

Band		WCDMA II_ANT 3(DSI2)			Tune-up Limit (dBm)	WCDMA IV_ANT 3(DSI2)			Tune-up Limit (dBm)	WCDMA V_ANT 1(DSI2)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.58	20.74	20.61	21.80	20.93	21.07	21.06	22.00	24.08	24.07	24.07	24.80
3GPP Rel 99	RMC 12.2Kbps	20.60	20.75	20.62	21.80	20.94	21.08	21.07	22.00	24.09	24.08	24.08	24.80
3GPP Rel 6	HSDPA Subtest-1	19.95	19.98	19.84	20.80	20.37	20.18	20.20	21.00	23.01	23.00	23.02	23.80
3GPP Rel 6	HSDPA Subtest-2	19.86	19.91	19.94	20.80	20.18	20.05	20.27	21.00	23.00	22.98	23.03	23.80
3GPP Rel 6	HSDPA Subtest-3	19.34	19.56	19.23	20.80	19.73	19.67	19.60	21.00	22.52	22.49	22.51	23.80
3GPP Rel 6	HSDPA Subtest-4	19.53	19.51	19.39	20.80	19.74	19.65	19.83	21.00	22.50	22.48	22.50	23.80
3GPP Rel 8	DC-HSDPA Subtest-1	19.60	19.77	19.51	20.80	19.94	19.91	19.80	21.00	22.85	22.82	22.90	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	19.77	19.52	19.60	20.80	19.80	19.75	19.77	21.00	22.88	22.84	22.92	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	19.34	19.27	19.34	20.80	19.36	19.45	19.45	21.00	22.45	22.48	22.51	23.80
3GPP Rel 8	DC-HSDPA Subtest-4	19.14	19.27	19.33	20.80	19.39	19.46	19.34	21.00	22.49	22.50	22.50	23.80
3GPP Rel 6	HSUPA Subtest-1	19.97	20.10	20.02	21.80	20.12	20.26	20.21	22.00	22.33	22.34	22.37	24.80
3GPP Rel 6	HSUPA Subtest-2	18.13	18.13	17.87	19.80	17.47	17.33	17.29	18.00	20.87	20.86	20.88	22.80
3GPP Rel 6	HSUPA Subtest-3	18.91	19.18	19.00	19.80	17.66	17.75	17.64	18.00	21.82	21.81	21.80	22.80
3GPP Rel 6	HSUPA Subtest-4	17.98	18.16	18.00	19.80	17.31	17.23	17.33	18.00	20.86	20.88	20.93	22.80
3GPP Rel 6	HSUPA Subtest-5	20.01	20.16	20.07	21.80	20.17	20.28	20.31	22.00	22.82	22.81	22.85	24.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.17	19.22	19.31	19.80	19.43	19.30	19.53	20.00	21.99	21.95	21.96	22.00

GSM850_ANT 1(DSI7&12&9&14)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.80	32.59	32.89	33.80	23.80	23.59	23.89	24.80
GPRS 1 Tx slot		32.75	32.55	32.88	33.80	23.75	23.55	23.88	24.80
GPRS 2 Tx slots		29.80	29.55	29.76	30.80	23.80	23.55	23.76	24.80
GPRS 3 Tx slots		27.90	27.80	28.35	29.00	23.64	23.54	24.09	24.74
GPRS 4 Tx slots		26.65	26.30	26.80	27.80	23.65	23.30	23.80	24.80
EDGE 1 Tx slot		25.70	25.50	25.95	26.80	16.70	16.50	16.95	17.80
EDGE 2 Tx slots		23.88	23.80	24.00	24.80	17.88	17.80	18.00	18.80
EDGE 3 Tx slots		22.15	22.12	22.65	23.00	17.89	17.86	18.39	18.74
EDGE 4 Tx slots		21.30	21.20	21.70	22.30	18.30	18.20	18.70	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	29.81	29.38	29.72	30.80	23.72	23.39	23.71	24.78
	GPRS 1 Tx slot	29.66	29.45	29.75	30.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.69	29.50	29.63	30.80	23.70	23.51	23.63	24.78
	GPRS 1 Tx slot	29.75	29.57	29.68	30.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.95	27.88	28.45	29.00	23.66	23.58	24.18	24.74
	GPRS 2 Tx slots	27.90	27.82	28.44	29.00				
DTM Multi-slot class 5	GSM 1 Tx slot	29.74	29.59	29.86	30.80	21.66	21.50	21.77	22.74
	EDGE 1 Tx slot	23.65	23.44	23.70	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	29.78	29.61	29.78	30.80	21.67	21.52	21.71	22.74
	EDGE 1 Tx slot	23.53	23.45	23.72	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	27.86	27.75	28.44	29.00	20.57	20.53	21.17	21.74
	EDGE 2 Tx slots	21.78	21.88	22.42	23.00				

GSM1900_ANT 3(DSI7&12&9&14)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.41	29.38	29.48	30.80	20.41	20.38	20.48	21.80
GPRS 1 Tx slot		29.50	29.50	29.56	30.80	20.50	20.50	20.56	21.80
GPRS 2 Tx slots		26.33	26.36	26.38	27.80	20.33	20.36	20.38	21.80
GPRS 3 Tx slots		24.48	24.63	24.65	26.00	20.22	20.37	20.39	21.74
GPRS 4 Tx slots		23.00	22.99	23.10	24.80	20.00	19.99	20.10	21.80
EDGE 1 Tx slot		24.54	24.61	24.46	25.80	15.54	15.61	15.46	16.80
EDGE 2 Tx slots		22.91	23.05	23.10	24.80	16.91	17.05	17.10	18.80
EDGE 3 Tx slots		20.94	20.96	20.86	22.80	16.68	16.70	16.60	18.54
EDGE 4 Tx slots		20.46	20.40	20.36	22.30	17.46	17.40	17.36	19.30
DTM Multi-slot class 5	GSM 1 Tx slot	26.35	26.32	26.24	27.80	20.27	20.33	20.24	21.78
	GPRS 1 Tx slot	26.23	26.38	26.29	27.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.19	26.32	26.37	27.80	20.25	20.32	20.30	21.78
	GPRS 1 Tx slot	26.35	26.37	26.27	27.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.54	24.66	24.69	26.00	20.25	20.37	20.40	21.74
	GPRS 2 Tx slots	24.49	24.61	24.64	26.00				
DTM Multi-slot class 5	GSM 1 Tx slot	26.35	26.37	26.40	27.80	18.87	18.90	18.94	20.53
	EDGE 1 Tx slot	22.69	22.73	22.78	24.80				
DTM Multi-slot class 9	GSM 1 Tx slot	26.34	26.36	26.36	27.80	18.85	18.90	18.93	20.53
	EDGE 1 Tx slot	22.63	22.75	22.85	24.80				
DTM Multi-slot class 11	GSM 1 Tx slot	24.42	24.67	24.70	26.00	18.00	18.15	18.15	19.89
	EDGE 2 Tx slots	20.58	20.60	20.56	22.80				

Band		WCDMA II_ANT 3(DSI7&12&9&14)			Tune-up Limit (dBm)	WCDMA IV_ANT 3(DSI7&12&9&14)			Tune-up Limit (dBm)	WCDMA V_ANT 1(DSI7&12&9&14)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.60	19.76	19.63	20.80	19.93	20.07	20.07	21.00	24.08	24.07	24.07	24.80
3GPP Rel 99	RMC 12.2Kbps	19.61	19.77	19.64	20.80	19.94	20.09	20.08	21.00	24.09	24.08	24.08	24.80
3GPP Rel 6	HSDPA Subtest-1	18.80	18.91	18.87	19.80	19.20	19.10	19.17	20.00	23.01	23.00	23.02	23.80
3GPP Rel 6	HSDPA Subtest-2	18.82	18.97	18.84	19.80	19.14	19.04	19.20	20.00	23.00	22.98	23.03	23.80
3GPP Rel 6	HSDPA Subtest-3	18.23	18.37	18.38	19.80	18.60	18.53	18.65	20.00	22.52	22.49	22.51	23.80
3GPP Rel 6	HSDPA Subtest-4	18.34	18.45	18.33	19.80	18.54	18.59	18.73	20.00	22.50	22.48	22.50	23.80
3GPP Rel 8	DC-HSDPA Subtest-1	18.50	18.64	18.50	19.80	18.84	18.85	18.76	20.00	22.85	22.82	22.90	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	18.61	18.48	18.68	19.80	18.72	18.68	18.82	20.00	22.88	22.84	22.92	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	18.27	18.20	18.14	19.80	18.24	18.33	18.34	20.00	22.45	22.48	22.51	23.80
3GPP Rel 8	DC-HSDPA Subtest-4	18.15	18.20	18.19	19.80	18.32	18.40	18.20	20.00	22.49	22.50	22.50	23.80
3GPP Rel 6	HSUPA Subtest-1	19.00	19.03	18.92	20.80	19.10	19.18	19.14	21.00	22.33	22.34	22.37	24.80
3GPP Rel 6	HSUPA Subtest-2	16.96	17.01	16.83	18.80	16.29	16.22	16.28	17.00	20.87	20.86	20.88	22.80
3GPP Rel 6	HSUPA Subtest-3	17.92	18.14	18.05	18.80	16.58	16.70	16.59	17.00	21.82	21.81	21.80	22.80
3GPP Rel 6	HSUPA Subtest-4	16.96	17.10	16.92	18.80	16.23	16.19	16.25	17.00	20.86	20.88	20.93	22.80
3GPP Rel 6	HSUPA Subtest-5	19.10	19.11	18.95	20.80	19.18	19.16	19.24	21.00	22.82	22.81	22.85	24.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.10	18.19	18.14	18.80	18.36	18.29	18.41	19.00	21.99	21.95	21.96	22.00

Band 2_ANT 3(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.89	19.92	19.88	21.3	0
20	QPSK	1	49	19.87	19.82	19.79		
20	QPSK	1	99	19.79	19.89	19.79		
20	QPSK	50	0	19.88	19.90	19.86	21.3	0
20	QPSK	50	24	19.78	19.88	19.81		
20	QPSK	50	50	19.84	19.86	19.82		
20	QPSK	100	0	19.77	19.88	19.87		
20	16QAM	1	0	19.82	19.83	19.83	21.3	0
20	16QAM	1	49	19.87	19.87	19.86		
20	16QAM	1	99	19.86	19.85	19.77		
20	16QAM	50	0	19.88	19.81	19.88	21.3	0
20	16QAM	50	24	19.88	19.83	19.83		
20	16QAM	50	50	19.84	19.82	19.78		
20	16QAM	100	0	19.86	19.85	19.77		
20	64QAM	1	0	19.77	19.78	19.84	21.3	0
20	64QAM	1	49	19.89	19.88	19.79		
20	64QAM	1	99	19.85	19.79	19.90		
20	64QAM	50	0	19.84	19.79	19.81	21.3	0
20	64QAM	50	24	19.78	19.81	19.86		
20	64QAM	50	50	19.86	19.85	19.77		
20	64QAM	100	0	19.88	19.88	19.79		
20	256QAM	1	0	18.91	19.03	18.89	19.8	1.5
20	256QAM	1	49	18.95	19.03	18.95		
20	256QAM	1	99	18.90	18.93	18.97		
20	256QAM	50	0	18.79	18.83	18.84	19.8	1.5
20	256QAM	50	24	18.83	18.86	18.94		
20	256QAM	50	50	18.91	18.88	18.91		
20	256QAM	100	0	18.78	18.79	18.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.75	19.82	19.85	21.3	0
15	QPSK	1	37	19.83	19.75	19.71		
15	QPSK	1	74	19.70	19.83	19.66		
15	QPSK	36	0	19.74	19.79	19.66	21.3	0
15	QPSK	36	20	19.69	19.76	19.84		
15	QPSK	36	39	19.81	19.77	19.82		
15	QPSK	75	0	19.72	19.76	19.77		
15	16QAM	1	0	19.74	19.73	19.79	21.3	0
15	16QAM	1	37	19.81	19.84	19.76		
15	16QAM	1	74	19.74	19.78	19.70		
15	16QAM	36	0	19.76	19.71	19.79	21.3	0
15	16QAM	36	20	19.75	19.72	19.78		
15	16QAM	36	39	19.76	19.75	19.70		
15	16QAM	75	0	19.76	19.82	19.64		
15	64QAM	1	0	19.74	19.70	19.71	21.3	0
15	64QAM	1	37	19.80	19.84	19.76		
15	64QAM	1	74	19.78	19.73	19.85		
15	64QAM	36	0	19.73	19.72	19.74	21.3	0
15	64QAM	36	20	19.75	19.73	19.81		
15	64QAM	36	39	19.75	19.73	19.72		
15	64QAM	75	0	19.81	19.82	19.69		
15	256QAM	1	0	18.88	19.03	18.86	19.8	1.5
15	256QAM	1	37	18.97	19.07	18.91		
15	256QAM	1	74	18.88	18.93	18.94		
15	256QAM	36	0	18.76	18.80	18.86	19.8	1.5
15	256QAM	36	20	18.79	18.87	18.94		
15	256QAM	36	39	18.89	18.91	18.93		
15	256QAM	75	0	18.76	18.82	18.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.79	19.83	19.84	21.3	0
10	QPSK	1	25	19.75	19.75	19.72		
10	QPSK	1	49	19.73	19.80	19.76		
10	QPSK	25	0	19.70	19.83	19.73	21.3	0
10	QPSK	25	12	19.73	19.81	19.86		
10	QPSK	25	25	19.77	19.81	19.86		
10	QPSK	50	0	19.66	19.76	19.79		
10	16QAM	1	0	19.74	19.71	19.72	21.3	0
10	16QAM	1	25	19.79	19.78	19.76		
10	16QAM	1	49	19.78	19.82	19.74		
10	16QAM	25	0	19.76	19.78	19.83	21.3	0
10	16QAM	25	12	19.82	19.75	19.80		
10	16QAM	25	25	19.71	19.76	19.70		
10	16QAM	50	0	19.74	19.76	19.70		
10	64QAM	1	0	19.73	19.66	19.72	21.3	0
10	64QAM	1	25	19.82	19.83	19.75		
10	64QAM	1	49	19.74	19.72	19.77		
10	64QAM	25	0	19.80	19.66	19.76	21.3	0
10	64QAM	25	12	19.75	19.68	19.75		
10	64QAM	25	25	19.79	19.74	19.67		
10	64QAM	50	0	19.77	19.85	19.76		
10	256QAM	1	0	18.93	19.02	18.85	19.8	1.5
10	256QAM	1	25	18.93	19.03	18.91		
10	256QAM	1	49	18.89	18.97	18.96		
10	256QAM	25	0	18.83	18.85	18.85	19.8	1.5
10	256QAM	25	12	18.85	18.86	18.98		
10	256QAM	25	25	18.87	18.84	18.87		
10	256QAM	50	0	18.82	18.83	18.85		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.75	19.82	19.76	21.3	0
5	QPSK	1	12	19.76	19.72	19.71		
5	QPSK	1	24	19.76	19.79	19.68		
5	QPSK	12	0	19.75	19.81	19.68	21.3	0
5	QPSK	12	7	19.71	19.81	19.78		
5	QPSK	12	13	19.80	19.81	19.78		
5	QPSK	25	0	19.67	19.79	19.79		
5	16QAM	1	0	19.78	19.72	19.72	21.3	0
5	16QAM	1	12	19.83	19.80	19.76		
5	16QAM	1	24	19.80	19.78	19.73		
5	16QAM	12	0	19.81	19.75	19.84	21.3	0
5	16QAM	12	7	19.82	19.72	19.72		
5	16QAM	12	13	19.74	19.73	19.75		
5	16QAM	25	0	19.79	19.82	19.69		
5	64QAM	1	0	19.74	19.72	19.72	21.3	0
5	64QAM	1	12	19.85	19.75	19.73		
5	64QAM	1	24	19.80	19.70	19.77		
5	64QAM	12	0	19.75	19.76	19.76	21.3	0
5	64QAM	12	7	19.72	19.77	19.74		
5	64QAM	12	13	19.79	19.76	19.66		
5	64QAM	25	0	19.85	19.75	19.70		
5	256QAM	1	0	18.94	19.07	18.86	19.8	1.5
5	256QAM	1	12	18.92	19.02	18.94		
5	256QAM	1	24	18.91	18.95	18.97		
5	256QAM	12	0	18.77	18.87	18.85	19.8	1.5
5	256QAM	12	7	18.82	18.85	18.92		
5	256QAM	12	13	18.87	18.91	18.89		
5	256QAM	25	0	18.82	18.76	18.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.73	19.80	19.85	21.3	0
3	QPSK	1	8	19.78	19.75	19.72		
3	QPSK	1	14	19.71	19.79	19.73		
3	QPSK	8	0	19.66	19.81	19.70	21.3	0
3	QPSK	8	4	19.71	19.81	19.84		
3	QPSK	8	7	19.75	19.76	19.85		
3	QPSK	15	0	19.67	19.78	19.75		
3	16QAM	1	0	19.75	19.74	19.77	21.3	0
3	16QAM	1	8	19.77	19.84	19.83		
3	16QAM	1	14	19.73	19.77	19.73		
3	16QAM	8	0	19.83	19.75	19.81	21.3	0
3	16QAM	8	4	19.76	19.71	19.76		
3	16QAM	8	7	19.75	19.70	19.67		
3	16QAM	15	0	19.79	19.82	19.71		
3	64QAM	1	0	19.65	19.65	19.75	21.3	0
3	64QAM	1	8	19.79	19.85	19.72		
3	64QAM	1	14	19.78	19.75	19.83		
3	64QAM	8	0	19.74	19.71	19.78	21.3	0
3	64QAM	8	4	19.69	19.72	19.73		
3	64QAM	8	7	19.75	19.81	19.73		
3	64QAM	15	0	19.82	19.78	19.75		
3	256QAM	1	0	18.89	19.02	18.93	19.8	1.5
3	256QAM	1	8	18.94	19.02	18.94		
3	256QAM	1	14	18.90	18.92	18.95		
3	256QAM	8	0	18.81	18.83	18.84	19.8	1.5
3	256QAM	8	4	18.83	18.84	18.90		
3	256QAM	8	7	18.92	18.86	18.91		
3	256QAM	15	0	18.79	18.75	18.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.80	19.86	19.75	21.3	0
1.4	QPSK	1	3	19.79	19.74	19.73		
1.4	QPSK	1	5	19.66	19.79	19.71		
1.4	QPSK	3	0	19.72	19.77	19.74		
1.4	QPSK	3	1	19.70	19.82	19.80		
1.4	QPSK	3	3	19.80	19.82	19.80		
1.4	QPSK	6	0	19.70	19.84	19.82	21.3	0
1.4	16QAM	1	0	19.76	19.70	19.72	21.3	0
1.4	16QAM	1	3	19.81	19.76	19.81		
1.4	16QAM	1	5	19.82	19.81	19.66		
1.4	16QAM	3	0	19.84	19.70	19.80		
1.4	16QAM	3	1	19.82	19.79	19.79		
1.4	16QAM	3	3	19.77	19.70	19.74		
1.4	16QAM	6	0	19.74	19.76	19.65	21.3	0
1.4	64QAM	1	0	19.68	19.70	19.71	21.3	0
1.4	64QAM	1	3	19.78	19.82	19.66		
1.4	64QAM	1	5	19.75	19.76	19.86		
1.4	64QAM	3	0	19.75	19.72	19.73		
1.4	64QAM	3	1	19.66	19.69	19.79		
1.4	64QAM	3	3	19.81	19.77	19.70		
1.4	64QAM	6	0	19.77	19.85	19.70	21.3	0
1.4	256QAM	1	0	18.90	19.00	18.89	19.8	1.5
1.4	256QAM	1	3	18.95	19.00	18.97		
1.4	256QAM	1	5	18.86	18.90	18.96		
1.4	256QAM	3	0	18.82	18.84	18.80		
1.4	256QAM	3	1	18.81	18.90	18.93		
1.4	256QAM	3	3	18.88	18.90	18.92		
1.4	256QAM	6	0	18.82	18.80	18.81	19.8	1.5

Band 4_ANT 1(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.71	20.76	20.70	21.8	0
20	QPSK	1	49	20.69	20.57	20.69		
20	QPSK	1	99	20.64	20.67	20.54		
20	QPSK	50	0	20.67	20.73	20.67	21.8	0
20	QPSK	50	24	20.57	20.64	20.60		
20	QPSK	50	50	20.59	20.61	20.66		
20	QPSK	100	0	20.68	20.71	20.66		
20	16QAM	1	0	20.60	20.63	20.60	21.8	0
20	16QAM	1	49	20.61	20.60	20.68		
20	16QAM	1	99	20.67	20.62	20.59		
20	16QAM	50	0	20.68	20.72	20.57	21.8	0
20	16QAM	50	24	20.66	20.64	20.62		
20	16QAM	50	50	20.62	20.65	20.63		
20	16QAM	100	0	20.56	20.74	20.56		
20	64QAM	1	0	20.61	20.61	20.59	21.8	0
20	64QAM	1	49	20.67	20.65	20.65		
20	64QAM	1	99	20.65	20.68	20.63		
20	64QAM	50	0	19.97	19.98	20.00	20.8	1
20	64QAM	50	24	19.90	19.96	19.95		
20	64QAM	50	50	19.93	19.91	20.01		
20	64QAM	100	0	20.03	19.96	19.84		
20	256QAM	1	0	18.32	18.34	18.35	19.8	2
20	256QAM	1	49	18.32	18.26	18.34		
20	256QAM	1	99	18.32	18.35	18.23		
20	256QAM	50	0	17.99	18.12	18.03	19.8	2
20	256QAM	50	24	17.94	17.98	18.01		
20	256QAM	50	50	18.00	17.93	17.96		
20	256QAM	100	0	18.03	18.11	18.09		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.55	20.70	20.55	21.8	0
15	QPSK	1	37	20.58	20.45	20.57		
15	QPSK	1	74	20.56	20.61	20.47		
15	QPSK	36	0	20.61	20.60	20.60	21.8	0
15	QPSK	36	20	20.45	20.60	20.47		
15	QPSK	36	39	20.50	20.54	20.54		
15	QPSK	75	0	20.55	20.58	20.55		
15	16QAM	1	0	20.54	20.57	20.51	21.8	0
15	16QAM	1	37	20.56	20.55	20.58		
15	16QAM	1	74	20.56	20.51	20.54		
15	16QAM	36	0	20.56	20.59	20.47	21.8	0
15	16QAM	36	20	20.58	20.60	20.49		
15	16QAM	36	39	20.49	20.54	20.56		
15	16QAM	75	0	20.44	20.61	20.48		
15	64QAM	1	0	20.54	20.56	20.55	21.8	0
15	64QAM	1	37	20.61	20.58	20.52		
15	64QAM	1	74	20.57	20.64	20.54		
15	64QAM	36	0	19.93	19.93	19.97	20.8	1
15	64QAM	36	20	19.85	19.85	19.84		
15	64QAM	36	39	19.82	19.83	19.95		
15	64QAM	75	0	19.93	19.88	19.79		
15	256QAM	1	0	18.20	18.24	18.27	19.8	2
15	256QAM	1	37	18.22	18.16	18.24		
15	256QAM	1	74	18.29	18.22	18.13		
15	256QAM	36	0	17.88	18.02	18.00	19.8	2
15	256QAM	36	20	17.83	17.93	17.92		
15	256QAM	36	39	17.97	17.85	17.87		
15	256QAM	75	0	17.91	18.06	18.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.58	20.72	20.56	21.8	0
10	QPSK	1	25	20.66	20.52	20.58		
10	QPSK	1	49	20.60	20.60	20.51		
10	QPSK	25	0	20.60	20.66	20.60	21.8	0
10	QPSK	25	12	20.48	20.59	20.52		
10	QPSK	25	25	20.49	20.51	20.56		
10	QPSK	50	0	20.56	20.62	20.54		
10	16QAM	1	0	20.48	20.56	20.53	21.8	0
10	16QAM	1	25	20.58	20.54	20.56		
10	16QAM	1	49	20.61	20.51	20.53		
10	16QAM	25	0	20.57	20.65	20.45	21.8	0
10	16QAM	25	12	20.59	20.54	20.50		
10	16QAM	25	25	20.50	20.62	20.52		
10	16QAM	50	0	20.50	20.62	20.49		
10	64QAM	1	0	20.56	20.58	20.47	21.8	0
10	64QAM	1	25	20.60	20.56	20.54		
10	64QAM	1	49	20.56	20.61	20.55		
10	64QAM	25	0	19.90	19.87	19.89	20.8	1
10	64QAM	25	12	19.87	19.83	19.83		
10	64QAM	25	25	19.80	19.87	19.88		
10	64QAM	50	0	19.94	19.91	19.80		
10	256QAM	1	0	18.28	18.25	18.27	19.8	2
10	256QAM	1	25	18.28	18.23	18.31		
10	256QAM	1	49	18.20	18.30	18.17		
10	256QAM	25	0	17.92	18.02	17.93	19.8	2
10	256QAM	25	12	17.81	17.93	17.90		
10	256QAM	25	25	17.89	17.83	17.93		
10	256QAM	50	0	17.97	17.99	18.04		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.54	20.75	20.57	21.8	0
5	QPSK	1	12	20.66	20.50	20.56		
5	QPSK	1	24	20.59	20.55	20.42		
5	QPSK	12	0	20.54	20.70	20.62	21.8	0
5	QPSK	12	7	20.47	20.61	20.47		
5	QPSK	12	13	20.50	20.51	20.61		
5	QPSK	25	0	20.58	20.65	20.58		
5	16QAM	1	0	20.51	20.50	20.57	21.8	0
5	16QAM	1	12	20.56	20.52	20.57		
5	16QAM	1	24	20.60	20.55	20.52		
5	16QAM	12	0	20.55	20.61	20.48	21.8	0
5	16QAM	12	7	20.63	20.59	20.54		
5	16QAM	12	13	20.55	20.59	20.53		
5	16QAM	25	0	20.52	20.64	20.48		
5	64QAM	1	0	20.54	20.56	20.46	21.8	0
5	64QAM	1	12	20.54	20.60	20.57		
5	64QAM	1	24	20.52	20.58	20.55		
5	64QAM	12	0	19.93	19.88	19.89	20.8	1
5	64QAM	12	7	19.77	19.89	19.83		
5	64QAM	12	13	19.81	19.82	19.97		
5	64QAM	25	0	19.94	19.84	19.71		
5	256QAM	1	0	18.26	18.28	18.28	19.8	2
5	256QAM	1	12	18.27	18.20	18.31		
5	256QAM	1	24	18.20	18.22	18.14		
5	256QAM	12	0	17.95	18.03	17.97	19.8	2
5	256QAM	12	7	17.88	17.91	17.93		
5	256QAM	12	13	17.89	17.90	17.87		
5	256QAM	25	0	17.95	18.00	17.99		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.55	20.71	20.58	21.8	0
3	QPSK	1	8	20.57	20.51	20.62		
3	QPSK	1	14	20.51	20.61	20.43		
3	QPSK	8	0	20.58	20.62	20.56	21.8	0
3	QPSK	8	4	20.50	20.55	20.55		
3	QPSK	8	7	20.50	20.54	20.55		
3	QPSK	15	0	20.61	20.62	20.63		
3	16QAM	1	0	20.57	20.56	20.50	21.8	0
3	16QAM	1	8	20.55	20.50	20.55		
3	16QAM	1	14	20.62	20.56	20.54		
3	16QAM	8	0	20.64	20.60	20.53	21.8	0
3	16QAM	8	4	20.62	20.60	20.55		
3	16QAM	8	7	20.53	20.59	20.59		
3	16QAM	15	0	20.46	20.63	20.44		
3	64QAM	1	0	20.51	20.48	20.53	21.8	0
3	64QAM	1	8	20.61	20.54	20.55		
3	64QAM	1	14	20.58	20.60	20.58		
3	64QAM	8	0	19.85	19.88	19.87	20.8	1
3	64QAM	8	4	19.86	19.87	19.83		
3	64QAM	8	7	19.84	19.85	19.98		
3	64QAM	15	0	19.96	19.87	19.76		
3	256QAM	1	0	18.24	18.22	18.32	19.8	2
3	256QAM	1	8	18.27	18.13	18.26		
3	256QAM	1	14	18.19	18.25	18.18		
3	256QAM	8	0	17.92	18.02	17.92	19.8	2
3	256QAM	8	4	17.87	17.93	17.94		
3	256QAM	8	7	17.92	17.87	17.92		
3	256QAM	15	0	18.00	18.01	17.97		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.55	20.75	20.56	21.8	0
1.4	QPSK	1	3	20.57	20.45	20.60		
1.4	QPSK	1	5	20.61	20.54	20.50		
1.4	QPSK	3	0	20.54	20.65	20.52		
1.4	QPSK	3	1	20.52	20.55	20.55		
1.4	QPSK	3	3	20.49	20.48	20.62		
1.4	QPSK	6	0	20.64	20.58	20.61	21.8	0
1.4	16QAM	1	0	20.51	20.57	20.49	21.8	0
1.4	16QAM	1	3	20.49	20.56	20.64		
1.4	16QAM	1	5	20.59	20.57	20.49		
1.4	16QAM	3	0	20.55	20.67	20.53		
1.4	16QAM	3	1	20.53	20.56	20.59		
1.4	16QAM	3	3	20.54	20.62	20.57		
1.4	16QAM	6	0	20.45	20.63	20.48	21.8	0
1.4	64QAM	1	0	20.56	20.49	20.54	21.8	0
1.4	64QAM	1	3	20.61	20.57	20.57		
1.4	64QAM	1	5	20.60	20.58	20.57		
1.4	64QAM	3	0	20.58	20.57	20.54		
1.4	64QAM	3	1	20.60	20.60	20.58		
1.4	64QAM	3	3	20.48	20.52	20.59		
1.4	64QAM	6	0	19.98	19.85	19.76	20.8	1
1.4	256QAM	1	0	18.25	18.28	18.22	19.8	2
1.4	256QAM	1	3	18.23	18.22	18.24		
1.4	256QAM	1	5	18.24	18.24	18.18		
1.4	256QAM	3	0	18.29	18.28	18.24		
1.4	256QAM	3	1	18.24	18.26	18.17		
1.4	256QAM	3	3	18.24	18.23	18.22		
1.4	256QAM	6	0	17.94	18.05	18.05	19.8	2

Band 4_ANT 3(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.06	20.26	20.16	21.3	0
20	QPSK	1	49	20.01	20.02	20.07		
20	QPSK	1	99	20.05	20.07	20.11		
20	QPSK	50	0	20.05	20.12	20.10	21.3	0
20	QPSK	50	24	20.04	20.09	20.07		
20	QPSK	50	50	20.00	20.11	20.05		
20	QPSK	100	0	20.09	20.11	20.10		
20	16QAM	1	0	20.00	20.01	20.08	21.3	0
20	16QAM	1	49	20.02	20.11	20.01		
20	16QAM	1	99	20.04	20.03	20.08		
20	16QAM	50	0	20.05	20.12	20.04	21.3	0
20	16QAM	50	24	20.00	20.09	20.05		
20	16QAM	50	50	20.07	20.09	20.09		
20	16QAM	100	0	20.09	20.10	20.01		
20	64QAM	1	0	20.01	20.07	20.09	21.3	0
20	64QAM	1	49	20.07	20.01	20.05		
20	64QAM	1	99	20.03	20.10	20.06		
20	64QAM	50	0	19.99	20.06	20.03	21.3	0
20	64QAM	50	24	20.10	20.07	20.09		
20	64QAM	50	50	20.04	20.09	20.10		
20	64QAM	100	0	20.09	20.12	20.08		
20	256QAM	1	0	18.94	18.90	18.95	19.8	1.5
20	256QAM	1	49	18.97	18.96	18.95		
20	256QAM	1	99	18.88	18.89	18.88		
20	256QAM	50	0	18.93	18.89	18.96	19.8	1.5
20	256QAM	50	24	18.89	18.90	18.99		
20	256QAM	50	50	18.96	18.88	18.92		
20	256QAM	100	0	18.95	18.89	18.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.93	20.03	20.13	21.3	0
15	QPSK	1	37	19.98	19.93	19.99		
15	QPSK	1	74	19.93	19.99	20.05		
15	QPSK	36	0	19.92	20.08	19.99	21.3	0
15	QPSK	36	20	20.00	20.02	19.94		
15	QPSK	36	39	19.88	20.05	19.92		
15	QPSK	75	0	19.98	20.00	20.00		
15	16QAM	1	0	19.87	19.94	19.97	21.3	0
15	16QAM	1	37	19.94	20.05	19.91		
15	16QAM	1	74	19.97	19.97	20.03		
15	16QAM	36	0	19.94	20.05	20.00	21.3	0
15	16QAM	36	20	19.95	20.06	19.92		
15	16QAM	36	39	19.99	19.99	19.98		
15	16QAM	75	0	20.03	20.03	19.98		
15	64QAM	1	0	19.90	20.02	19.96	21.3	0
15	64QAM	1	37	19.99	19.91	19.96		
15	64QAM	1	74	19.96	20.00	19.93		
15	64QAM	36	0	19.94	20.02	19.90	21.3	0
15	64QAM	36	20	20.03	20.01	20.03		
15	64QAM	36	39	19.99	20.01	20.00		
15	64QAM	75	0	20.00	20.00	20.02		
15	256QAM	1	0	18.89	18.82	18.84	19.8	1.5
15	256QAM	1	37	18.84	18.88	18.91		
15	256QAM	1	74	18.78	18.80	18.81		
15	256QAM	36	0	18.86	18.85	18.88	19.8	1.5
15	256QAM	36	20	18.80	18.86	18.94		
15	256QAM	36	39	18.84	18.78	18.86		
15	256QAM	75	0	18.84	18.81	18.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.02	20.08	20.19	21.3	0
10	QPSK	1	25	19.97	19.92	19.94		
10	QPSK	1	49	19.98	19.95	20.02		
10	QPSK	25	0	19.92	20.03	20.00	21.3	0
10	QPSK	25	12	19.91	19.99	19.98		
10	QPSK	25	25	19.94	20.01	20.02		
10	QPSK	50	0	19.96	20.04	19.98		
10	16QAM	1	0	19.87	19.89	19.95	21.3	0
10	16QAM	1	25	19.89	19.98	19.88		
10	16QAM	1	49	19.97	19.91	20.03		
10	16QAM	25	0	19.98	19.99	19.98	21.3	0
10	16QAM	25	12	19.93	20.03	19.95		
10	16QAM	25	25	19.95	19.97	19.97		
10	16QAM	50	0	20.00	20.00	19.94		
10	64QAM	1	0	19.93	20.00	19.98	21.3	0
10	64QAM	1	25	20.00	19.92	19.92		
10	64QAM	1	49	19.99	20.03	19.99		
10	64QAM	25	0	19.95	19.99	19.96	21.3	0
10	64QAM	25	12	20.02	19.94	20.00		
10	64QAM	25	25	19.93	20.02	20.04		
10	64QAM	50	0	20.06	20.02	20.02		
10	256QAM	1	0	18.87	18.80	18.86	19.8	1.5
10	256QAM	1	25	18.94	18.83	18.91		
10	256QAM	1	49	18.85	18.78	18.80		
10	256QAM	25	0	18.89	18.86	18.91	19.8	1.5
10	256QAM	25	12	18.81	18.84	18.89		
10	256QAM	25	25	18.84	18.78	18.87		
10	256QAM	50	0	18.90	18.85	18.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.00	20.07	20.13	21.3	0
5	QPSK	1	12	19.93	19.99	20.00		
5	QPSK	1	24	19.93	19.95	20.04		
5	QPSK	12	0	19.91	20.06	20.05	21.3	0
5	QPSK	12	7	19.93	19.97	19.94		
5	QPSK	12	13	19.94	20.01	19.96		
5	QPSK	25	0	20.06	20.08	19.97		
5	16QAM	1	0	19.95	19.98	19.99	21.3	0
5	16QAM	1	12	19.98	20.05	19.89		
5	16QAM	1	24	19.93	19.94	20.01		
5	16QAM	12	0	19.97	19.99	19.98	21.3	0
5	16QAM	12	7	19.90	20.00	20.02		
5	16QAM	12	13	19.98	19.97	20.06		
5	16QAM	25	0	20.04	20.01	19.96		
5	64QAM	1	0	19.92	19.95	20.03	21.3	0
5	64QAM	1	12	20.03	19.89	19.99		
5	64QAM	1	24	19.96	19.99	19.98		
5	64QAM	12	0	19.86	19.94	19.95	21.3	0
5	64QAM	12	7	20.06	19.97	19.98		
5	64QAM	12	13	19.94	20.06	19.98		
5	64QAM	25	0	20.01	20.04	19.95		
5	256QAM	1	0	18.81	18.85	18.88	19.8	1.5
5	256QAM	1	12	18.89	18.85	18.86		
5	256QAM	1	24	18.84	18.81	18.82		
5	256QAM	12	0	18.90	18.80	18.84	19.8	1.5
5	256QAM	12	7	18.77	18.82	18.92		
5	256QAM	12	13	18.91	18.79	18.85		
5	256QAM	25	0	18.82	18.81	18.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.92	20.03	20.19	21.3	0
3	QPSK	1	8	19.89	19.94	20.03		
3	QPSK	1	14	19.98	19.95	20.02		
3	QPSK	8	0	19.89	20.02	20.05	21.3	0
3	QPSK	8	4	19.98	19.96	19.97		
3	QPSK	8	7	19.89	20.01	20.01		
3	QPSK	15	0	20.02	20.04	20.06		
3	16QAM	1	0	19.90	19.93	20.02	21.3	0
3	16QAM	1	8	19.89	20.07	19.96		
3	16QAM	1	14	20.00	19.95	19.95		
3	16QAM	8	0	19.96	20.00	19.99	21.3	0
3	16QAM	8	4	19.87	20.00	19.94		
3	16QAM	8	7	19.98	20.01	19.99		
3	16QAM	15	0	20.00	19.97	19.97		
3	64QAM	1	0	19.92	20.02	20.03	21.3	0
3	64QAM	1	8	20.03	19.91	19.96		
3	64QAM	1	14	19.92	20.01	19.93		
3	64QAM	8	0	19.89	19.95	19.91	21.3	0
3	64QAM	8	4	19.99	20.02	20.06		
3	64QAM	8	7	19.96	20.04	19.99		
3	64QAM	15	0	19.96	20.05	20.02		
3	256QAM	1	0	18.91	18.84	18.87	19.8	1.5
3	256QAM	1	8	18.89	18.84	18.82		
3	256QAM	1	14	18.80	18.84	18.80		
3	256QAM	8	0	18.85	18.80	18.87	19.8	1.5
3	256QAM	8	4	18.84	18.84	18.91		
3	256QAM	8	7	18.83	18.75	18.83		
3	256QAM	15	0	18.89	18.80	18.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.02	20.09	20.18	21.3	0
1.4	QPSK	1	3	19.96	19.98	19.94		
1.4	QPSK	1	5	19.93	19.97	20.03		
1.4	QPSK	3	0	19.95	20.06	20.07		
1.4	QPSK	3	1	19.98	19.96	20.01		
1.4	QPSK	3	3	19.88	20.06	19.99		
1.4	QPSK	6	0	20.06	20.01	20.00	21.3	0
1.4	16QAM	1	0	19.96	19.88	19.96	21.3	0
1.4	16QAM	1	3	19.97	20.02	19.95		
1.4	16QAM	1	5	19.93	19.99	20.05		
1.4	16QAM	3	0	19.97	20.09	19.98		
1.4	16QAM	3	1	19.96	20.02	19.97		
1.4	16QAM	3	3	20.00	20.06	19.96		
1.4	16QAM	6	0	19.97	20.06	19.98	21.3	0
1.4	64QAM	1	0	19.96	20.04	19.96	21.3	0
1.4	64QAM	1	3	20.03	19.97	19.96		
1.4	64QAM	1	5	19.98	20.05	20.01		
1.4	64QAM	3	0	19.96	19.96	19.96		
1.4	64QAM	3	1	19.99	19.95	20.00		
1.4	64QAM	3	3	19.98	19.96	20.05		
1.4	64QAM	6	0	20.00	20.07	20.04	21.3	0
1.4	256QAM	1	0	18.84	18.80	18.87	19.8	1.5
1.4	256QAM	1	3	18.92	18.84	18.90		
1.4	256QAM	1	5	18.76	18.81	18.82		
1.4	256QAM	3	0	18.83	18.81	18.92		
1.4	256QAM	3	1	18.85	18.85	18.96		
1.4	256QAM	3	3	18.89	18.75	18.82		
1.4	256QAM	6	0	18.85	18.85	18.82	19.8	1.5

Band 5_ANT 1(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.82	23.72	23.70	24.8	0
10	QPSK	1	25	23.77	23.69	23.69		
10	QPSK	1	49	23.77	23.67	23.63		
10	QPSK	25	0	22.83	22.82	22.81	23.8	1
10	QPSK	25	12	22.80	22.75	22.80		
10	QPSK	25	25	22.81	22.79	22.79		
10	QPSK	50	0	22.82	22.81	22.80		
10	16QAM	1	0	23.20	23.11	23.07	23.8	1
10	16QAM	1	25	23.14	23.03	23.05		
10	16QAM	1	49	23.22	23.12	23.07		
10	16QAM	25	0	21.82	21.77	21.73	22.8	2
10	16QAM	25	12	21.83	21.78	21.83		
10	16QAM	25	25	21.89	21.80	21.80		
10	16QAM	50	0	21.88	21.82	21.81		
10	64QAM	1	0	22.10	22.04	21.88	22.8	2
10	64QAM	1	25	22.02	21.95	22.00		
10	64QAM	1	49	21.95	22.04	21.89		
10	64QAM	25	0	20.80	20.73	20.70	21.8	3
10	64QAM	25	12	20.81	20.75	20.80		
10	64QAM	25	25	20.86	20.78	20.77		
10	64QAM	50	0	20.89	20.79	20.79		
10	256QAM	1	0	18.97	18.96	18.99	19.8	5
10	256QAM	1	25	19.03	19.11	19.07		
10	256QAM	1	49	19.08	19.02	19.01		
10	256QAM	25	0	18.99	18.97	18.96	19.8	5
10	256QAM	25	12	18.96	18.92	19.00		
10	256QAM	25	25	19.00	18.95	18.98		
10	256QAM	50	0	19.07	18.96	19.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.54	23.69	23.72	24.8	0
5	QPSK	1	12	23.68	23.77	23.78		
5	QPSK	1	24	23.60	23.81	23.80		
5	QPSK	12	0	22.67	22.72	22.80	23.8	1
5	QPSK	12	7	22.77	22.67	22.88		
5	QPSK	12	13	22.69	22.78	22.88		
5	QPSK	25	0	22.70	22.79	22.85		
5	16QAM	1	0	23.30	22.99	22.98	23.8	1
5	16QAM	1	12	23.05	23.39	23.12		
5	16QAM	1	24	23.10	23.15	23.41		
5	16QAM	12	0	21.78	21.77	21.85	22.8	2
5	16QAM	12	7	21.69	21.68	21.85		
5	16QAM	12	13	21.85	21.73	21.82		
5	16QAM	25	0	21.70	21.65	21.92		
5	64QAM	1	0	21.96	22.01	22.00	22.8	2
5	64QAM	1	12	22.13	22.09	21.95		
5	64QAM	1	24	21.90	21.91	22.04		
5	64QAM	12	0	20.60	20.72	20.84	21.8	3
5	64QAM	12	7	20.82	20.84	20.96		
5	64QAM	12	13	20.79	20.88	20.89		
5	64QAM	25	0	20.81	20.85	20.83		
5	256QAM	1	0	18.95	18.92	18.98	19.8	5
5	256QAM	1	12	19.03	19.11	19.03		
5	256QAM	1	24	19.00	19.02	19.07		
5	256QAM	12	0	18.94	19.00	18.96	19.8	5
5	256QAM	12	7	19.00	18.96	18.92		
5	256QAM	12	13	18.95	18.97	19.02		
5	256QAM	25	0	19.04	18.95	19.06		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.67	23.72	23.80	24.8	0
3	QPSK	1	8	23.63	23.75	23.79		
3	QPSK	1	14	23.61	23.69	23.60		
3	QPSK	8	0	22.77	22.60	22.80	23.8	1
3	QPSK	8	4	22.69	22.75	22.80		
3	QPSK	8	7	22.73	22.68	22.73		
3	QPSK	15	0	22.70	22.68	22.73		
3	16QAM	1	0	23.00	22.95	22.92	23.8	1
3	16QAM	1	8	23.09	23.18	22.80		
3	16QAM	1	14	22.81	23.18	23.18		
3	16QAM	8	0	21.74	21.81	21.82	22.8	2
3	16QAM	8	4	21.74	21.78	21.77		
3	16QAM	8	7	21.68	21.89	21.96		
3	16QAM	15	0	21.79	21.81	21.73		
3	64QAM	1	0	21.99	22.05	22.21	22.8	2
3	64QAM	1	8	22.32	21.94	22.23		
3	64QAM	1	14	21.27	21.87	22.18		
3	64QAM	8	0	20.74	20.70	20.77	21.8	3
3	64QAM	8	4	20.73	20.85	20.70		
3	64QAM	8	7	20.59	20.73	20.80		
3	64QAM	15	0	20.59	20.72	20.75		
3	256QAM	1	0	18.95	18.96	18.98	19.8	5
3	256QAM	1	8	19.09	19.09	19.00		
3	256QAM	1	14	19.00	19.05	19.08		
3	256QAM	8	0	19.00	18.94	19.01	19.8	5
3	256QAM	8	4	18.99	18.91	18.97		
3	256QAM	8	7	19.02	18.91	19.00		
3	256QAM	15	0	19.04	18.93	19.07		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.81	23.64	23.80	24.8	0
1.4	QPSK	1	3	23.65	23.65	23.64		
1.4	QPSK	1	5	23.59	23.59	23.70		
1.4	QPSK	3	0	23.65	23.62	23.78		
1.4	QPSK	3	1	23.64	23.56	23.76		
1.4	QPSK	3	3	23.63	23.69	23.70		
1.4	QPSK	6	0	22.63	22.69	22.73	23.8	1
1.4	16QAM	1	0	22.85	22.78	23.05	23.8	1
1.4	16QAM	1	3	22.87	23.14	23.11		
1.4	16QAM	1	5	22.94	23.20	22.98		
1.4	16QAM	3	0	22.96	22.71	22.86		
1.4	16QAM	3	1	22.83	23.04	22.83		
1.4	16QAM	3	3	22.79	22.66	23.17		
1.4	16QAM	6	0	21.62	21.94	22.04	22.8	2
1.4	64QAM	1	0	21.98	22.00	22.08	22.8	2
1.4	64QAM	1	3	21.84	22.25	22.24		
1.4	64QAM	1	5	22.18	21.94	22.19		
1.4	64QAM	3	0	21.77	21.97	22.11		
1.4	64QAM	3	1	21.76	21.77	22.03		
1.4	64QAM	3	3	21.75	22.19	21.88		
1.4	64QAM	6	0	20.75	20.75	20.74	21.8	3
1.4	256QAM	1	0	18.98	18.95	19.01	19.8	5
1.4	256QAM	1	3	19.08	19.14	18.99		
1.4	256QAM	1	5	18.99	18.99	19.11		
1.4	256QAM	3	0	18.93	18.99	18.95		
1.4	256QAM	3	1	18.99	18.88	18.99		
1.4	256QAM	3	3	19.01	18.95	18.96		
1.4	256QAM	6	0	19.03	18.95	19.09	19.8	5

Band 7_ANT 1(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.81	22.85	22.80	23.8	0
20	QPSK	1	49	22.78	22.79	22.78		
20	QPSK	1	99	22.72	22.74	22.76		
20	QPSK	50	0	22.09	22.10	22.09	22.8	1
20	QPSK	50	24	22.07	22.03	22.08		
20	QPSK	50	50	22.06	22.06	22.08		
20	QPSK	100	0	22.04	22.07	22.06		
20	16QAM	1	0	22.09	22.07	22.07	22.8	1
20	16QAM	1	49	22.00	22.02	22.05		
20	16QAM	1	99	22.15	22.09	22.13		
20	16QAM	50	0	21.01	21.05	21.06	21.8	2
20	16QAM	50	24	21.06	21.06	21.11		
20	16QAM	50	50	21.13	21.17	21.12		
20	16QAM	100	0	21.04	21.08	21.05		
20	64QAM	1	0	21.06	21.08	21.10	21.8	2
20	64QAM	1	49	21.05	21.04	21.07		
20	64QAM	1	99	21.05	21.08	21.14		
20	64QAM	50	0	20.06	20.02	19.99	20.8	3
20	64QAM	50	24	19.98	20.01	19.99		
20	64QAM	50	50	20.16	20.11	20.09		
20	64QAM	100	0	20.01	20.06	20.08		
20	256QAM	1	0	18.28	18.22	18.18	18.8	5
20	256QAM	1	49	18.20	18.23	18.20		
20	256QAM	1	99	18.28	18.31	18.35		
20	256QAM	50	0	18.12	18.07	18.13	18.8	5
20	256QAM	50	24	18.05	18.08	18.02		
20	256QAM	50	50	18.07	18.12	18.13		
20	256QAM	100	0	18.06	18.03	18.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.72	22.82	22.69	23.8	0
15	QPSK	1	37	22.72	22.75	22.75		
15	QPSK	1	74	22.60	22.63	22.67		
15	QPSK	36	0	21.96	21.97	22.00	22.8	1
15	QPSK	36	20	21.99	21.97	22.04		
15	QPSK	36	39	21.98	22.01	21.97		
15	QPSK	75	0	21.91	22.02	21.98		
15	16QAM	1	0	21.97	22.01	22.04	22.8	1
15	16QAM	1	37	21.87	21.90	21.92		
15	16QAM	1	74	22.12	21.96	22.06		
15	16QAM	36	0	20.98	20.98	21.00	21.8	2
15	16QAM	36	20	21.02	20.98	21.01		
15	16QAM	36	39	21.09	21.04	21.04		
15	16QAM	75	0	20.95	21.04	20.98		
15	64QAM	1	0	20.98	20.97	20.98	21.8	2
15	64QAM	1	37	21.02	20.94	20.94		
15	64QAM	1	74	20.95	21.05	21.07		
15	64QAM	36	0	20.03	19.93	19.90	20.8	3
15	64QAM	36	20	19.90	19.97	19.90		
15	64QAM	36	39	20.10	20.01	20.02		
15	64QAM	75	0	19.88	20.01	19.95		
15	256QAM	1	0	18.20	18.11	18.09	18.8	5
15	256QAM	1	37	18.08	18.10	18.07		
15	256QAM	1	74	18.24	18.19	18.25		
15	256QAM	36	0	18.06	17.94	18.03	18.8	5
15	256QAM	36	20	17.94	18.03	17.89		
15	256QAM	36	39	17.95	18.01	18.05		
15	256QAM	75	0	18.01	17.97	18.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.74	22.79	22.72	23.8	0
10	QPSK	1	25	22.75	22.74	22.68		
10	QPSK	1	49	22.63	22.67	22.67		
10	QPSK	25	0	21.94	22.03	21.94	22.8	1
10	QPSK	25	12	21.99	21.99	22.01		
10	QPSK	25	25	21.99	22.00	21.98		
10	QPSK	50	0	21.98	21.96	22.00		
10	16QAM	1	0	21.96	21.96	21.98	22.8	1
10	16QAM	1	25	21.97	21.97	22.02		
10	16QAM	1	49	22.02	21.96	22.06		
10	16QAM	25	0	20.89	20.99	20.94	21.8	2
10	16QAM	25	12	20.93	21.00	21.00		
10	16QAM	25	25	21.01	21.13	21.00		
10	16QAM	50	0	20.98	20.95	20.92		
10	64QAM	1	0	20.98	21.04	21.04	21.8	2
10	64QAM	1	25	21.02	20.92	20.96		
10	64QAM	1	49	21.01	21.02	21.03		
10	64QAM	25	0	19.98	19.92	19.86	20.8	3
10	64QAM	25	12	19.94	19.89	19.92		
10	64QAM	25	25	20.10	20.03	19.97		
10	64QAM	50	0	19.92	19.93	20.01		
10	256QAM	1	0	18.17	18.16	18.11	18.8	5
10	256QAM	1	25	18.09	18.12	18.08		
10	256QAM	1	49	18.23	18.27	18.22		
10	256QAM	25	0	18.06	17.94	18.08	18.8	5
10	256QAM	25	12	17.95	17.99	17.96		
10	256QAM	25	25	17.99	18.00	18.07		
10	256QAM	50	0	17.98	17.93	18.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.72	22.80	22.68	23.8	0
5	QPSK	1	12	22.68	22.70	22.74		
5	QPSK	1	24	22.69	22.70	22.66		
5	QPSK	12	0	21.99	21.98	21.96	22.8	1
5	QPSK	12	7	21.97	21.97	21.97		
5	QPSK	12	13	22.01	21.93	22.00		
5	QPSK	25	0	21.99	21.98	22.01		
5	16QAM	1	0	21.96	21.97	22.03	22.8	1
5	16QAM	1	12	21.95	21.89	21.92		
5	16QAM	1	24	22.12	22.00	22.02		
5	16QAM	12	0	20.96	20.99	20.93	21.8	2
5	16QAM	12	7	21.02	21.01	21.03		
5	16QAM	12	13	21.05	21.12	21.02		
5	16QAM	25	0	20.98	20.95	21.02		
5	64QAM	1	0	20.95	21.03	21.02	21.8	2
5	64QAM	1	12	21.00	20.99	20.97		
5	64QAM	1	24	21.02	20.98	21.09		
5	64QAM	12	0	20.00	19.98	19.90	20.8	3
5	64QAM	12	7	19.88	19.96	19.93		
5	64QAM	12	13	20.13	20.00	20.06		
5	64QAM	25	0	19.95	19.97	20.02		
5	256QAM	1	0	18.21	18.13	18.14	18.8	5
5	256QAM	1	12	18.11	18.15	18.07		
5	256QAM	1	24	18.19	18.28	18.32		
5	256QAM	12	0	18.01	17.95	18.00	18.8	5
5	256QAM	12	7	17.97	18.01	17.89		
5	256QAM	12	13	18.02	18.05	18.09		
5	256QAM	25	0	17.98	17.98	18.03		

Band 7_ANT 3(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.19	19.22	19.10	20.5	0
20	QPSK	1	49	19.16	19.07	18.97		
20	QPSK	1	99	19.11	19.09	19.07		
20	QPSK	50	0	19.13	19.21	19.10	20.5	0
20	QPSK	50	24	19.10	19.14	19.06		
20	QPSK	50	50	19.12	19.07	19.01		
20	QPSK	100	0	19.13	19.19	19.04		
20	16QAM	1	0	19.14	19.17	19.04	20.5	0
20	16QAM	1	49	19.08	19.09	19.09		
20	16QAM	1	99	19.18	19.07	18.98		
20	16QAM	50	0	19.13	19.20	19.00	20.5	0
20	16QAM	50	24	19.09	19.14	18.98		
20	16QAM	50	50	19.11	19.08	19.10		
20	16QAM	100	0	19.20	19.11	19.09		
20	64QAM	1	0	19.19	19.18	19.05	20.5	0
20	64QAM	1	49	19.20	19.19	18.98		
20	64QAM	1	99	19.11	19.16	19.02		
20	64QAM	50	0	19.15	19.18	19.04	20.5	0
20	64QAM	50	24	19.20	19.11	19.04		
20	64QAM	50	50	19.09	19.17	18.99		
20	64QAM	100	0	19.16	19.15	19.07		
20	256QAM	1	0	18.61	18.57	18.52	19	1.5
20	256QAM	1	49	18.58	18.59	18.54		
20	256QAM	1	99	18.65	18.68	18.59		
20	256QAM	50	0	18.53	18.50	18.40	19	1.5
20	256QAM	50	24	18.52	18.53	18.39		
20	256QAM	50	50	18.56	18.54	18.39		
20	256QAM	100	0	18.59	18.58	18.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.13	19.15	18.99	20.5	0
15	QPSK	1	37	19.08	19.01	18.86		
15	QPSK	1	74	19.00	19.03	19.02		
15	QPSK	36	0	19.05	19.12	19.04	20.5	0
15	QPSK	36	20	19.07	19.10	19.03		
15	QPSK	36	39	19.07	19.03	18.98		
15	QPSK	75	0	19.06	19.16	18.98		
15	16QAM	1	0	19.08	19.04	18.96	20.5	0
15	16QAM	1	37	18.99	18.98	18.98		
15	16QAM	1	74	19.12	19.00	18.88		
15	16QAM	36	0	19.08	19.08	18.90	20.5	0
15	16QAM	36	20	19.05	19.07	18.91		
15	16QAM	36	39	18.99	18.97	19.07		
15	16QAM	75	0	19.17	19.06	18.97		
15	64QAM	1	0	19.14	19.08	18.92	20.5	0
15	64QAM	1	37	19.17	19.06	18.94		
15	64QAM	1	74	19.07	19.06	18.92		
15	64QAM	36	0	19.10	19.14	18.96	20.5	0
15	64QAM	36	20	19.17	19.05	18.91		
15	64QAM	36	39	19.02	19.11	18.96		
15	64QAM	75	0	19.06	19.03	18.99		
15	256QAM	1	0	18.54	18.50	18.42	19	1.5
15	256QAM	1	37	18.47	18.49	18.45		
15	256QAM	1	74	18.59	18.63	18.46		
15	256QAM	36	0	18.47	18.47	18.28	19	1.5
15	256QAM	36	20	18.47	18.49	18.32		
15	256QAM	36	39	18.44	18.41	18.36		
15	256QAM	75	0	18.51	18.50	18.44		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.16	19.18	18.98	20.5	0
10	QPSK	1	25	19.08	18.98	18.88		
10	QPSK	1	49	19.04	19.03	18.99		
10	QPSK	25	0	19.02	19.09	19.00	20.5	0
10	QPSK	25	12	19.11	19.02	19.03		
10	QPSK	25	25	19.02	19.03	18.90		
10	QPSK	50	0	19.06	19.10	18.99		
10	16QAM	1	0	19.05	19.07	18.97	20.5	0
10	16QAM	1	25	18.97	18.98	19.01		
10	16QAM	1	49	19.13	18.99	18.91		
10	16QAM	25	0	19.01	19.08	18.87	20.5	0
10	16QAM	25	12	19.03	19.03	18.90		
10	16QAM	25	25	19.02	19.05	18.99		
10	16QAM	50	0	19.12	19.04	18.97		
10	64QAM	1	0	19.15	19.10	19.00	20.5	0
10	64QAM	1	25	19.12	19.11	18.88		
10	64QAM	1	49	18.98	19.07	18.98		
10	64QAM	25	0	19.05	19.14	18.96	20.5	0
10	64QAM	25	12	19.14	19.07	18.97		
10	64QAM	25	25	18.99	19.09	18.91		
10	64QAM	50	0	19.13	19.02	18.99		
10	256QAM	1	0	18.54	18.49	18.43	19	1.5
10	256QAM	1	25	18.50	18.48	18.49		
10	256QAM	1	49	18.56	18.57	18.55		
10	256QAM	25	0	18.41	18.47	18.36	19	1.5
10	256QAM	25	12	18.48	18.42	18.30		
10	256QAM	25	25	18.45	18.47	18.29		
10	256QAM	50	0	18.46	18.46	18.44		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.15	19.17	19.05	20.5	0
5	QPSK	1	12	19.12	18.94	18.84		
5	QPSK	1	24	18.98	19.02	19.04		
5	QPSK	12	0	19.05	19.09	19.01	20.5	0
5	QPSK	12	7	19.08	19.09	19.00		
5	QPSK	12	13	19.02	18.96	18.89		
5	QPSK	25	0	19.00	19.14	18.95		
5	16QAM	1	0	19.07	19.06	18.97	20.5	0
5	16QAM	1	12	19.01	18.99	19.02		
5	16QAM	1	24	19.12	18.98	18.92		
5	16QAM	12	0	19.01	19.08	18.91	20.5	0
5	16QAM	12	7	19.04	19.11	18.91		
5	16QAM	12	13	19.03	19.00	19.03		
5	16QAM	25	0	19.09	19.05	19.06		
5	64QAM	1	0	19.15	19.15	19.02	20.5	0
5	64QAM	1	12	19.10	19.09	18.91		
5	64QAM	1	24	19.04	19.13	18.98		
5	64QAM	12	0	19.07	19.12	18.93	20.5	0
5	64QAM	12	7	19.11	19.07	18.93		
5	64QAM	12	13	19.04	19.08	18.92		
5	64QAM	25	0	19.12	19.07	18.98		
5	256QAM	1	0	18.53	18.53	18.43	19	1.5
5	256QAM	1	12	18.49	18.49	18.46		
5	256QAM	1	24	18.52	18.60	18.49		
5	256QAM	12	0	18.44	18.39	18.30	19	1.5
5	256QAM	12	7	18.41	18.48	18.26		
5	256QAM	12	13	18.48	18.50	18.31		
5	256QAM	25	0	18.48	18.45	18.40		

Band 12_ANT 1(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.92	23.82	24.8	0
10	QPSK	1	25	23.85	23.85	23.80		
10	QPSK	1	49	23.84	23.83	23.78		
10	QPSK	25	0	22.91	22.95	22.90	23.8	1
10	QPSK	25	12	22.84	22.94	22.89		
10	QPSK	25	25	22.90	22.92	22.89		
10	QPSK	50	0	22.83	22.90	22.88		
10	16QAM	1	0	23.26	23.31	23.23	23.8	1
10	16QAM	1	25	23.16	23.22	23.13		
10	16QAM	1	49	23.26	23.25	23.22		
10	16QAM	25	0	21.85	21.87	21.83	22.8	2
10	16QAM	25	12	21.88	21.95	21.92		
10	16QAM	25	25	21.93	21.93	21.90		
10	16QAM	50	0	21.86	21.92	21.89		
10	64QAM	1	0	22.13	22.09	21.99	22.8	2
10	64QAM	1	25	22.07	22.15	22.03		
10	64QAM	1	49	22.10	22.06	22.08		
10	64QAM	25	0	20.87	20.85	20.82	21.8	3
10	64QAM	25	12	20.85	20.95	20.91		
10	64QAM	25	25	20.93	20.94	20.91		
10	64QAM	50	0	20.84	20.92	20.90		
10	256QAM	1	0	19.06	19.05	19.07	19.8	5
10	256QAM	1	25	19.16	19.11	19.11		
10	256QAM	1	49	19.01	19.07	18.99		
10	256QAM	25	0	19.05	19.04	19.00	19.8	5
10	256QAM	25	12	18.99	19.12	19.09		
10	256QAM	25	25	19.03	19.04	19.04		
10	256QAM	50	0	19.02	19.03	19.06		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.68	23.61	23.71	24.8	0
5	QPSK	1	12	23.78	23.78	23.84		
5	QPSK	1	24	23.71	23.87	23.85		
5	QPSK	12	0	22.82	22.80	22.76	23.8	1
5	QPSK	12	7	22.91	22.83	22.78		
5	QPSK	12	13	22.80	22.86	22.76		
5	QPSK	25	0	22.85	22.81	22.69		
5	16QAM	1	0	23.20	23.14	23.27	23.8	1
5	16QAM	1	12	23.26	23.55	23.34		
5	16QAM	1	24	23.49	22.91	23.09		
5	16QAM	12	0	21.65	21.93	21.83	22.8	2
5	16QAM	12	7	21.92	21.85	21.91		
5	16QAM	12	13	21.89	21.84	21.86		
5	16QAM	25	0	21.87	21.76	21.72		
5	64QAM	1	0	21.87	22.45	22.08	22.8	2
5	64QAM	1	12	22.27	22.23	22.28		
5	64QAM	1	24	21.77	21.97	21.72		
5	64QAM	12	0	20.80	20.75	20.64	21.8	3
5	64QAM	12	7	20.80	20.74	20.74		
5	64QAM	12	13	20.84	20.86	20.83		
5	64QAM	25	0	20.86	20.87	20.77		
5	256QAM	1	0	19.02	19.07	19.09	19.8	5
5	256QAM	1	12	19.11	19.12	19.14		
5	256QAM	1	24	19.09	18.99	18.97		
5	256QAM	12	0	19.05	19.07	18.98	19.8	5
5	256QAM	12	7	19.15	19.00	19.10		
5	256QAM	12	13	19.01	19.05	19.05		
5	256QAM	25	0	19.00	19.03	19.06		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.76	23.74	23.88	24.8	0
3	QPSK	1	8	23.80	23.79	23.91		
3	QPSK	1	14	23.76	23.60	23.66		
3	QPSK	8	0	22.84	22.79	22.70	23.8	1
3	QPSK	8	4	22.86	22.88	22.80		
3	QPSK	8	7	22.87	22.83	22.80		
3	QPSK	15	0	22.80	22.70	22.69		
3	16QAM	1	0	23.22	22.75	22.91	23.8	1
3	16QAM	1	8	23.14	23.31	23.08		
3	16QAM	1	14	23.26	23.04	23.19		
3	16QAM	8	0	22.07	21.74	21.85	22.8	2
3	16QAM	8	4	22.01	21.94	21.78		
3	16QAM	8	7	21.85	21.93	21.85		
3	16QAM	15	0	21.84	21.75	21.82		
3	64QAM	1	0	22.10	21.93	21.59	22.8	2
3	64QAM	1	8	22.17	21.85	22.46		
3	64QAM	1	14	21.77	22.15	21.66		
3	64QAM	8	0	20.90	20.79	20.71	21.8	3
3	64QAM	8	4	20.98	20.93	20.73		
3	64QAM	8	7	20.80	20.78	20.83		
3	64QAM	15	0	20.86	20.78	20.75		
3	256QAM	1	0	19.08	19.04	19.10	19.8	5
3	256QAM	1	8	19.08	19.15	19.10		
3	256QAM	1	14	19.03	19.04	18.97		
3	256QAM	8	0	19.04	19.04	19.01	19.8	5
3	256QAM	8	4	19.09	19.02	19.07		
3	256QAM	8	7	19.03	19.04	19.01		
3	256QAM	15	0	19.03	19.02	19.06		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.84	23.78	23.65	24.8	0
1.4	QPSK	1	3	23.78	23.79	23.76		
1.4	QPSK	1	5	23.69	23.81	23.62		
1.4	QPSK	3	0	23.89	23.82	23.79		
1.4	QPSK	3	1	23.77	23.68	23.78		
1.4	QPSK	3	3	23.81	23.73	23.85		
1.4	QPSK	6	0	22.77	22.70	22.75	23.8	1
1.4	16QAM	1	0	23.16	23.25	22.90	23.8	1
1.4	16QAM	1	3	23.43	23.04	22.80		
1.4	16QAM	1	5	23.18	23.13	22.90		
1.4	16QAM	3	0	22.87	23.04	23.01		
1.4	16QAM	3	1	23.22	23.10	23.12		
1.4	16QAM	3	3	23.13	23.06	23.03		
1.4	16QAM	6	0	21.80	21.85	21.91	22.8	2
1.4	64QAM	1	0	22.05	22.19	21.90	22.8	2
1.4	64QAM	1	3	21.66	22.03	22.14		
1.4	64QAM	1	5	22.36	22.03	22.20		
1.4	64QAM	3	0	22.11	21.85	21.85		
1.4	64QAM	3	1	22.00	21.88	21.89		
1.4	64QAM	3	3	21.88	21.94	21.99		
1.4	64QAM	6	0	20.85	20.83	20.77	21.8	3
1.4	256QAM	1	0	19.08	19.04	19.08	19.8	5
1.4	256QAM	1	3	19.08	19.15	19.08		
1.4	256QAM	1	5	19.09	19.00	18.95		
1.4	256QAM	3	0	19.06	19.06	18.99		
1.4	256QAM	3	1	19.16	18.95	19.08		
1.4	256QAM	3	3	19.01	19.07	19.04		
1.4	256QAM	6	0	19.05	19.02	19.06	19.8	5

Band 13_ANT 1(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.75		24.8	0
10	QPSK	1	25		23.68			
10	QPSK	1	49		23.59			
10	QPSK	25	0		22.67		23.8	1
10	QPSK	25	12		22.66			
10	QPSK	25	25		22.62			
10	QPSK	50	0		22.65			
10	16QAM	1	0		23.03		23.8	1
10	16QAM	1	25		23.08			
10	16QAM	1	49		23.06			
10	16QAM	25	0		21.64		22.8	2
10	16QAM	25	12		21.68			
10	16QAM	25	25		21.64			
10	16QAM	50	0		21.68			
10	64QAM	1	0		21.72		22.8	2
10	64QAM	1	25		21.93			
10	64QAM	1	49		21.82			
10	64QAM	25	0		20.63		21.8	3
10	64QAM	25	12		20.66			
10	64QAM	25	25		20.62			
10	64QAM	50	0		20.67			
10	256QAM	1	0		19.00		19.8	5
10	256QAM	1	25		19.09			
10	256QAM	1	49		19.07			
10	256QAM	25	0		18.99		19.8	5
10	256QAM	25	12		18.96			
10	256QAM	25	25		18.95			
10	256QAM	50	0		18.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.43	23.60	23.63	24.8	0
5	QPSK	1	12	23.54	23.73	23.74		
5	QPSK	1	24	23.64	23.57	23.61		
5	QPSK	12	0	22.49	22.61	22.55	23.8	1
5	QPSK	12	7	22.64	22.60	22.63		
5	QPSK	12	13	22.60	22.60	22.58		
5	QPSK	25	0	22.62	22.60	22.60		
5	16QAM	1	0	22.72	22.94	22.60	23.8	1
5	16QAM	1	12	23.04	23.01	23.17		
5	16QAM	1	24	22.97	22.77	22.66		
5	16QAM	12	0	21.64	21.71	21.68	22.8	2
5	16QAM	12	7	21.62	21.58	21.75		
5	16QAM	12	13	21.67	21.64	21.67		
5	16QAM	25	0	21.56	21.56	21.67		
5	64QAM	1	0	21.75	21.85	21.56	22.8	2
5	64QAM	1	12	21.61	22.06	22.45		
5	64QAM	1	24	21.86	22.44	21.84		
5	64QAM	12	0	20.46	20.70	20.55	21.8	3
5	64QAM	12	7	20.73	20.69	20.80		
5	64QAM	12	13	20.67	20.40	20.76		
5	64QAM	25	0	20.63	20.51	20.60		
5	256QAM	1	0	18.75	18.88	18.85	19.8	5
5	256QAM	1	12	18.80	18.95	18.95		
5	256QAM	1	24	18.77	18.93	18.93		
5	256QAM	12	0	18.73	18.83	18.87	19.8	5
5	256QAM	12	7	18.68	18.85	18.82		
5	256QAM	12	13	18.69	18.79	18.82		
5	256QAM	25	0	18.71	18.88	18.86		

Band 17_ANT 1(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.82	23.88	23.83	24.8	0
10	QPSK	1	25	23.81	23.81	23.82		
10	QPSK	1	49	23.77	23.76	23.77		
10	QPSK	25	0	22.85	22.89	22.88	23.8	1
10	QPSK	25	12	22.84	22.85	22.86		
10	QPSK	25	25	22.82	22.88	22.84		
10	QPSK	50	0	22.84	22.85	22.83		
10	16QAM	1	0	23.16	23.18	23.17	23.8	1
10	16QAM	1	25	23.21	23.19	23.25		
10	16QAM	1	49	23.24	23.27	23.24		
10	16QAM	25	0	21.88	21.88	21.86	22.8	2
10	16QAM	25	12	21.96	21.88	21.97		
10	16QAM	25	25	21.90	21.90	21.91		
10	16QAM	50	0	21.83	21.84	21.83		
10	64QAM	1	0	22.01	21.99	22.04	22.8	2
10	64QAM	1	25	22.09	22.10	22.03		
10	64QAM	1	49	22.03	21.99	21.99		
10	64QAM	25	0	20.85	20.85	20.87	21.8	3
10	64QAM	25	12	20.96	20.90	20.96		
10	64QAM	25	25	20.88	20.91	20.88		
10	64QAM	50	0	20.84	20.85	20.84		
10	256QAM	1	0	19.08	18.99	19.02	19.8	5
10	256QAM	1	25	19.04	19.09	19.06		
10	256QAM	1	49	19.01	19.03	19.02		
10	256QAM	25	0	19.03	19.04	19.00	19.8	5
10	256QAM	25	12	19.05	19.05	19.06		
10	256QAM	25	25	18.97	18.98	19.03		
10	256QAM	50	0	18.99	19.01	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.86	23.84	23.82	24.8	0
5	QPSK	1	12	23.86	23.86	23.85		
5	QPSK	1	24	23.81	23.68	23.69		
5	QPSK	12	0	22.77	22.83	22.75	23.8	1
5	QPSK	12	7	22.87	22.78	22.79		
5	QPSK	12	13	22.79	22.85	22.76		
5	QPSK	25	0	22.79	22.85	22.73		
5	16QAM	1	0	23.19	23.21	23.34	23.8	1
5	16QAM	1	12	22.60	23.22	23.07		
5	16QAM	1	24	22.71	23.20	23.10		
5	16QAM	12	0	21.93	21.99	21.94	22.8	2
5	16QAM	12	7	22.02	21.93	21.84		
5	16QAM	12	13	22.00	21.87	21.92		
5	16QAM	25	0	21.91	21.75	21.77		
5	64QAM	1	0	21.45	22.13	22.20	22.8	2
5	64QAM	1	12	21.74	21.68	22.30		
5	64QAM	1	24	22.05	22.13	22.03		
5	64QAM	12	0	20.85	20.75	20.88	21.8	3
5	64QAM	12	7	21.02	20.82	20.78		
5	64QAM	12	13	20.87	20.84	20.88		
5	64QAM	25	0	20.83	20.80	20.82		
5	256QAM	1	0	19.06	18.96	19.04	19.8	5
5	256QAM	1	12	19.05	19.05	19.02		
5	256QAM	1	24	18.97	19.05	18.99		
5	256QAM	12	0	19.00	19.06	18.99	19.8	5
5	256QAM	12	7	19.09	19.04	19.09		
5	256QAM	12	13	18.97	18.95	19.03		
5	256QAM	25	0	19.00	18.99	18.98		

Band 25_ANT 3(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.78	19.98	19.86	21.3	0
20	QPSK	1	49	19.76	19.80	19.78		
20	QPSK	1	99	19.81	19.82	19.85		
20	QPSK	50	0	19.84	19.85	19.83	21.3	0
20	QPSK	50	24	19.73	19.81	19.82		
20	QPSK	50	50	19.73	19.83	19.78		
20	QPSK	100	0	19.79	19.84	19.81		
20	16QAM	1	0	19.83	19.78	19.83	21.3	0
20	16QAM	1	49	19.85	19.74	19.84		
20	16QAM	1	99	19.80	19.78	19.81		
20	16QAM	50	0	19.82	19.81	19.86	21.3	0
20	16QAM	50	24	19.85	19.83	19.84		
20	16QAM	50	50	19.82	19.79	19.76		
20	16QAM	100	0	19.75	19.82	19.85		
20	64QAM	1	0	19.86	19.78	19.76	21.3	0
20	64QAM	1	49	19.74	19.83	19.78		
20	64QAM	1	99	19.85	19.82	19.81		
20	64QAM	50	0	19.76	19.75	19.79	21.3	0
20	64QAM	50	24	19.79	19.73	19.75		
20	64QAM	50	50	19.81	19.82	19.81		
20	64QAM	100	0	19.83	19.81	19.79		
20	256QAM	1	0	18.93	18.86	18.91	19.8	1.5
20	256QAM	1	49	18.93	18.83	18.92		
20	256QAM	1	99	18.87	18.93	18.92		
20	256QAM	50	0	18.90	18.88	18.81	19.8	1.5
20	256QAM	50	24	18.86	18.89	18.87		
20	256QAM	50	50	18.87	18.89	18.88		
20	256QAM	100	0	18.91	18.88	18.86		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.64	19.82	19.67	21.3	0
15	QPSK	1	37	19.63	19.68	19.66		
15	QPSK	1	74	19.75	19.75	19.72		
15	QPSK	36	0	19.79	19.76	19.70	21.3	0
15	QPSK	36	20	19.65	19.77	19.79		
15	QPSK	36	39	19.69	19.80	19.66		
15	QPSK	75	0	19.73	19.76	19.74		
15	16QAM	1	0	19.72	19.68	19.78	21.3	0
15	16QAM	1	37	19.72	19.68	19.80		
15	16QAM	1	74	19.77	19.66	19.76		
15	16QAM	36	0	19.72	19.76	19.81	21.3	0
15	16QAM	36	20	19.81	19.70	19.75		
15	16QAM	36	39	19.77	19.68	19.66		
15	16QAM	75	0	19.66	19.71	19.76		
15	64QAM	1	0	19.76	19.73	19.64	21.3	0
15	64QAM	1	37	19.69	19.73	19.68		
15	64QAM	1	74	19.78	19.75	19.72		
15	64QAM	36	0	19.70	19.65	19.75	21.3	0
15	64QAM	36	20	19.73	19.63	19.66		
15	64QAM	36	39	19.73	19.79	19.72		
15	64QAM	75	0	19.72	19.77	19.69		
15	256QAM	1	0	18.87	18.76	18.85	19.8	1.5
15	256QAM	1	37	18.87	18.79	18.88		
15	256QAM	1	74	18.76	18.80	18.80		
15	256QAM	36	0	18.79	18.82	18.75	19.8	1.5
15	256QAM	36	20	18.82	18.85	18.81		
15	256QAM	36	39	18.82	18.84	18.83		
15	256QAM	75	0	18.79	18.82	18.77		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.62	19.84	19.65	21.3	0
10	QPSK	1	25	19.67	19.73	19.72		
10	QPSK	1	49	19.70	19.70	19.82		
10	QPSK	25	0	19.73	19.74	19.71	21.3	0
10	QPSK	25	12	19.66	19.72	19.79		
10	QPSK	25	25	19.62	19.70	19.74		
10	QPSK	50	0	19.73	19.71	19.76		
10	16QAM	1	0	19.73	19.71	19.79	21.3	0
10	16QAM	1	25	19.73	19.67	19.77		
10	16QAM	1	49	19.67	19.72	19.69		
10	16QAM	25	0	19.76	19.68	19.78	21.3	0
10	16QAM	25	12	19.77	19.70	19.80		
10	16QAM	25	25	19.76	19.72	19.70		
10	16QAM	50	0	19.63	19.70	19.80		
10	64QAM	1	0	19.77	19.73	19.66	21.3	0
10	64QAM	1	25	19.62	19.77	19.65		
10	64QAM	1	49	19.80	19.79	19.68		
10	64QAM	25	0	19.71	19.62	19.70	21.3	0
10	64QAM	25	12	19.75	19.61	19.71		
10	64QAM	25	25	19.75	19.77	19.74		
10	64QAM	50	0	19.76	19.78	19.76		
10	256QAM	1	0	18.88	18.83	18.86	19.8	1.5
10	256QAM	1	25	18.88	18.70	18.89		
10	256QAM	1	49	18.84	18.84	18.84		
10	256QAM	25	0	18.79	18.78	18.69	19.8	1.5
10	256QAM	25	12	18.76	18.80	18.76		
10	256QAM	25	25	18.81	18.82	18.83		
10	256QAM	50	0	18.88	18.75	18.78		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.70	19.85	19.65	21.3	0
5	QPSK	1	12	19.68	19.68	19.68		
5	QPSK	1	24	19.71	19.78	19.79		
5	QPSK	12	0	19.72	19.76	19.71	21.3	0
5	QPSK	12	7	19.66	19.75	19.72		
5	QPSK	12	13	19.67	19.80	19.68		
5	QPSK	25	0	19.72	19.76	19.75		
5	16QAM	1	0	19.74	19.73	19.78	21.3	0
5	16QAM	1	12	19.76	19.71	19.79		
5	16QAM	1	24	19.73	19.71	19.68		
5	16QAM	12	0	19.76	19.75	19.76	21.3	0
5	16QAM	12	7	19.79	19.77	19.79		
5	16QAM	12	13	19.73	19.72	19.72		
5	16QAM	25	0	19.68	19.71	19.76		
5	64QAM	1	0	19.83	19.74	19.72	21.3	0
5	64QAM	1	12	19.63	19.77	19.72		
5	64QAM	1	24	19.77	19.71	19.72		
5	64QAM	12	0	19.71	19.70	19.68	21.3	0
5	64QAM	12	7	19.68	19.68	19.64		
5	64QAM	12	13	19.74	19.70	19.68		
5	64QAM	25	0	19.73	19.73	19.72		
5	256QAM	1	0	18.87	18.80	18.80	19.8	1.5
5	256QAM	1	12	18.89	18.73	18.82		
5	256QAM	1	24	18.78	18.82	18.82		
5	256QAM	12	0	18.85	18.81	18.76	19.8	1.5
5	256QAM	12	7	18.74	18.80	18.76		
5	256QAM	12	13	18.82	18.82	18.78		
5	256QAM	25	0	18.82	18.78	18.78		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.65	19.76	19.75	21.3	0
3	QPSK	1	8	19.70	19.71	19.74		
3	QPSK	1	14	19.77	19.74	19.77		
3	QPSK	8	0	19.80	19.74	19.70	21.3	0
3	QPSK	8	4	19.64	19.72	19.70		
3	QPSK	8	7	19.62	19.73	19.67		
3	QPSK	15	0	19.70	19.73	19.75		
3	16QAM	1	0	19.77	19.73	19.70	21.3	0
3	16QAM	1	8	19.73	19.67	19.80		
3	16QAM	1	14	19.69	19.66	19.69		
3	16QAM	8	0	19.79	19.76	19.79	21.3	0
3	16QAM	8	4	19.77	19.71	19.72		
3	16QAM	8	7	19.69	19.73	19.66		
3	16QAM	15	0	19.69	19.73	19.79		
3	64QAM	1	0	19.78	19.73	19.69	21.3	0
3	64QAM	1	8	19.67	19.75	19.67		
3	64QAM	1	14	19.74	19.71	19.68		
3	64QAM	8	0	19.63	19.64	19.70	21.3	0
3	64QAM	8	4	19.72	19.66	19.67		
3	64QAM	8	7	19.77	19.79	19.74		
3	64QAM	15	0	19.80	19.74	19.67		
3	256QAM	1	0	18.82	18.77	18.81	19.8	1.5
3	256QAM	1	8	18.88	18.80	18.84		
3	256QAM	1	14	18.80	18.82	18.79		
3	256QAM	8	0	18.86	18.83	18.78	19.8	1.5
3	256QAM	8	4	18.80	18.81	18.84		
3	256QAM	8	7	18.78	18.81	18.85		
3	256QAM	15	0	18.85	18.76	18.82		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.72	19.79	19.74	21.3	0
1.4	QPSK	1	3	19.66	19.67	19.65		
1.4	QPSK	1	5	19.69	19.72	19.81		
1.4	QPSK	3	0	19.72	19.78	19.68		
1.4	QPSK	3	1	19.64	19.76	19.73		
1.4	QPSK	3	3	19.60	19.73	19.69		
1.4	QPSK	6	0	19.76	19.76	19.78	21.3	0
1.4	16QAM	1	0	19.78	19.74	19.76	21.3	0
1.4	16QAM	1	3	19.76	19.64	19.76		
1.4	16QAM	1	5	19.71	19.72	19.78		
1.4	16QAM	3	0	19.77	19.78	19.82		
1.4	16QAM	3	1	19.73	19.75	19.72		
1.4	16QAM	3	3	19.69	19.67	19.66		
1.4	16QAM	6	0	19.70	19.77	19.78	21.3	0
1.4	64QAM	1	0	19.78	19.69	19.72	21.3	0
1.4	64QAM	1	3	19.63	19.74	19.66		
1.4	64QAM	1	5	19.73	19.70	19.73		
1.4	64QAM	3	0	19.71	19.71	19.74		
1.4	64QAM	3	1	19.68	19.63	19.72		
1.4	64QAM	3	3	19.73	19.71	19.68		
1.4	64QAM	6	0	19.75	19.72	19.75	21.3	0
1.4	256QAM	1	0	18.86	18.81	18.81	19.8	1.5
1.4	256QAM	1	3	18.82	18.74	18.84		
1.4	256QAM	1	5	18.74	18.84	18.80		
1.4	256QAM	3	0	18.85	18.78	18.69		
1.4	256QAM	3	1	18.81	18.83	18.76		
1.4	256QAM	3	3	18.84	18.77	18.77		
1.4	256QAM	6	0	18.80	18.85	18.79	19.8	1.5

Band 26 for FCC_ANT 1(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.65	23.85	23.62	24.8	0
15	QPSK	1	37	23.63	23.66	23.61		
15	QPSK	1	74	23.60	23.59	23.52		
15	QPSK	36	0	22.73	22.74	22.71	23.8	1
15	QPSK	36	20	22.71	22.71	22.61		
15	QPSK	36	39	22.72	22.70	22.70		
15	QPSK	75	0	22.70	22.72	22.71		
15	16QAM	1	0	22.90	22.93	22.96	23.8	1
15	16QAM	1	37	22.94	22.95	22.91		
15	16QAM	1	74	22.85	23.02	22.85		
15	16QAM	36	0	21.73	21.72	21.68	22.8	2
15	16QAM	36	20	21.79	21.80	21.66		
15	16QAM	36	39	21.77	21.77	21.72		
15	16QAM	75	0	21.78	21.79	21.75		
15	64QAM	1	0	21.86	21.86	21.79	22.8	2
15	64QAM	1	37	21.97	21.89	21.80		
15	64QAM	1	74	21.92	21.81	21.87		
15	64QAM	36	0	20.70	20.71	20.68	21.8	3
15	64QAM	36	20	20.79	20.76	20.71		
15	64QAM	36	39	20.77	20.75	20.73		
15	64QAM	75	0	20.77	20.80	20.71		
15	256QAM	1	0	19.03	19.04	19.06	19.8	5
15	256QAM	1	37	19.12	19.09	19.06		
15	256QAM	1	74	19.00	19.02	19.01		
15	256QAM	36	0	18.95	18.94	18.98	19.8	5
15	256QAM	36	20	18.96	18.97	19.00		
15	256QAM	36	39	18.97	18.99	19.01		
15	256QAM	75	0	19.02	19.02	18.98		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.72	23.58	23.71	24.8	0
10	QPSK	1	25	23.65	23.69	23.73		
10	QPSK	1	49	23.57	23.66	23.53		
10	QPSK	25	0	22.80	22.67	22.72	23.8	1
10	QPSK	25	12	22.89	22.61	22.70		
10	QPSK	25	25	22.79	22.78	22.78		
10	QPSK	50	0	22.82	22.78	22.82		
10	16QAM	1	0	23.23	22.67	23.15	23.8	1
10	16QAM	1	25	23.40	23.33	23.38		
10	16QAM	1	49	23.30	22.74	22.81		
10	16QAM	25	0	21.76	21.71	21.80	22.8	2
10	16QAM	25	12	21.81	21.72	21.77		
10	16QAM	25	25	21.86	21.79	21.93		
10	16QAM	50	0	21.78	21.77	21.70		
10	64QAM	1	0	22.03	22.17	22.04	22.8	2
10	64QAM	1	25	21.86	21.77	21.72		
10	64QAM	1	49	21.86	21.78	21.75		
10	64QAM	25	0	20.87	20.69	20.77	21.8	3
10	64QAM	25	12	20.91	20.78	20.74		
10	64QAM	25	25	20.75	20.70	20.74		
10	64QAM	50	0	20.91	20.74	20.88		
10	256QAM	1	0	19.00	19.10	19.04	19.8	5
10	256QAM	1	25	19.14	19.08	19.09		
10	256QAM	1	49	18.98	19.01	18.98		
10	256QAM	25	0	18.97	18.98	18.93	19.8	5
10	256QAM	25	12	18.93	18.99	19.00		
10	256QAM	25	25	18.98	19.00	19.02		
10	256QAM	50	0	19.02	19.00	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.71	23.70	23.74	24.8	0
5	QPSK	1	12	23.69	23.74	23.63		
5	QPSK	1	24	23.73	23.64	23.61		
5	QPSK	12	0	22.75	22.66	22.74	23.8	1
5	QPSK	12	7	22.82	22.65	22.77		
5	QPSK	12	13	22.84	22.79	22.77		
5	QPSK	25	0	22.80	22.75	22.73		
5	16QAM	1	0	23.07	23.29	23.10	23.8	1
5	16QAM	1	12	23.13	23.07	23.23		
5	16QAM	1	24	23.08	22.82	23.05		
5	16QAM	12	0	21.86	21.73	21.81	22.8	2
5	16QAM	12	7	21.79	21.70	21.75		
5	16QAM	12	13	21.86	21.89	21.80		
5	16QAM	25	0	21.81	21.78	21.68		
5	64QAM	1	0	21.88	21.87	21.82	22.8	2
5	64QAM	1	12	21.50	22.15	21.82		
5	64QAM	1	24	21.65	21.88	21.81		
5	64QAM	12	0	20.81	20.73	20.89	21.8	3
5	64QAM	12	7	20.94	20.77	20.85		
5	64QAM	12	13	20.87	20.75	20.82		
5	64QAM	25	0	20.78	20.74	20.81		
5	256QAM	1	0	19.02	19.08	19.00	19.8	5
5	256QAM	1	12	19.15	19.06	19.10		
5	256QAM	1	24	19.00	19.03	19.04		
5	256QAM	12	0	18.95	19.01	18.97	19.8	5
5	256QAM	12	7	18.98	18.98	18.97		
5	256QAM	12	13	18.96	19.01	18.98		
5	256QAM	25	0	19.02	18.96	19.04		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.70	23.72	23.58	24.8	0
3	QPSK	1	8	23.72	23.71	23.72		
3	QPSK	1	14	23.57	23.63	23.69		
3	QPSK	8	0	22.85	22.66	22.76	23.8	1
3	QPSK	8	4	22.82	22.76	22.84		
3	QPSK	8	7	22.76	22.73	22.77		
3	QPSK	15	0	22.74	22.80	22.78		
3	16QAM	1	0	22.98	23.14	23.15	23.8	1
3	16QAM	1	8	23.23	23.21	22.43		
3	16QAM	1	14	23.01	23.17	23.24		
3	16QAM	8	0	21.87	21.69	21.83	22.8	2
3	16QAM	8	4	21.94	21.85	21.88		
3	16QAM	8	7	21.81	21.88	21.93		
3	16QAM	15	0	21.82	21.83	21.82		
3	64QAM	1	0	21.93	22.04	21.64	22.8	2
3	64QAM	1	8	22.11	22.30	21.88		
3	64QAM	1	14	22.10	21.97	22.01		
3	64QAM	8	0	20.84	20.76	20.82	21.8	3
3	64QAM	8	4	20.88	20.71	20.85		
3	64QAM	8	7	20.98	20.75	20.82		
3	64QAM	15	0	20.80	20.71	20.82		
3	256QAM	1	0	19.02	19.07	19.04	19.8	5
3	256QAM	1	8	19.10	19.10	19.07		
3	256QAM	1	14	18.98	19.02	19.02		
3	256QAM	8	0	18.97	19.00	18.96	19.8	5
3	256QAM	8	4	18.95	19.04	18.96		
3	256QAM	8	7	19.00	18.98	19.02		
3	256QAM	15	0	19.00	18.98	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.67	23.46	23.59	24.8	0
1.4	QPSK	1	3	23.72	23.70	23.74		
1.4	QPSK	1	5	23.67	23.60	23.74		
1.4	QPSK	3	0	23.73	23.69	23.74		
1.4	QPSK	3	1	23.74	23.56	23.73		
1.4	QPSK	3	3	23.68	23.70	23.72		
1.4	QPSK	6	0	22.83	22.65	22.78	23.8	1
1.4	16QAM	1	0	23.05	22.98	23.11	23.8	1
1.4	16QAM	1	3	23.20	23.08	23.35		
1.4	16QAM	1	5	23.29	22.82	23.12		
1.4	16QAM	3	0	22.91	22.69	22.96		
1.4	16QAM	3	1	22.81	22.64	22.88		
1.4	16QAM	3	3	22.88	22.66	22.78		
1.4	16QAM	6	0	21.96	21.66	21.83	22.8	2
1.4	64QAM	1	0	22.03	22.02	22.01	22.8	2
1.4	64QAM	1	3	22.12	22.07	21.92		
1.4	64QAM	1	5	21.73	21.50	22.07		
1.4	64QAM	3	0	21.99	21.61	22.14		
1.4	64QAM	3	1	21.76	21.87	21.85		
1.4	64QAM	3	3	21.77	22.10	21.98		
1.4	64QAM	6	0	20.80	20.79	20.90	21.8	3
1.4	256QAM	1	0	19.02	19.10	19.02	19.8	5
1.4	256QAM	1	3	19.15	19.10	19.05		
1.4	256QAM	1	5	19.01	18.98	18.98		
1.4	256QAM	3	0	18.98	19.00	18.96		
1.4	256QAM	3	1	18.95	19.01	18.99		
1.4	256QAM	3	3	18.93	18.98	19.00		
1.4	256QAM	6	0	19.02	18.96	19.01	19.8	5

Band 30_ANT 3(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.90		22.3	0
10	QPSK	1	25		20.85			
10	QPSK	1	49		20.84			
10	QPSK	25	0		20.88		22.3	0
10	QPSK	25	12		20.85			
10	QPSK	25	25		20.83			
10	QPSK	50	0		20.87			
10	16QAM	1	0		20.83		22.3	0
10	16QAM	1	25		20.86			
10	16QAM	1	49		20.88			
10	16QAM	25	0		20.86		22.3	0
10	16QAM	25	12		20.83			
10	16QAM	25	25		20.87			
10	16QAM	50	0		20.89			
10	64QAM	1	0		20.83		22.3	0
10	64QAM	1	25		20.84			
10	64QAM	1	49		20.88			
10	64QAM	25	0		20.57		21.8	0.5
10	64QAM	25	12		20.62			
10	64QAM	25	25		20.52			
10	64QAM	50	0		20.61			
10	256QAM	1	0		18.93		19.8	2.5
10	256QAM	1	25		18.88			
10	256QAM	1	49		18.94			
10	256QAM	25	0		18.81		19.8	2.5
10	256QAM	25	12		18.83			
10	256QAM	25	25		18.82			
10	256QAM	50	0		18.89			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.76	20.84	20.87	22.3	0
5	QPSK	1	12	20.69	20.73	20.80		
5	QPSK	1	24	20.64	20.77	20.74		
5	QPSK	12	0	20.71	20.81	20.81	22.3	0
5	QPSK	12	7	20.68	20.75	20.81		
5	QPSK	12	13	20.67	20.73	20.71		
5	QPSK	25	0	20.72	20.75	20.82		
5	16QAM	1	0	20.60	20.74	20.70	22.3	0
5	16QAM	1	12	20.67	20.77	20.80		
5	16QAM	1	24	20.73	20.82	20.76		
5	16QAM	12	0	20.68	20.78	20.74	22.3	0
5	16QAM	12	7	20.64	20.76	20.70		
5	16QAM	12	13	20.64	20.74	20.80		
5	16QAM	25	0	20.76	20.85	20.78		
5	64QAM	1	0	20.68	20.74	20.70	22.3	0
5	64QAM	1	12	20.62	20.72	20.73		
5	64QAM	1	24	20.75	20.85	20.83		
5	64QAM	12	0	20.39	20.47	20.48	21.8	0.5
5	64QAM	12	7	20.46	20.51	20.56		
5	64QAM	12	13	20.34	20.46	20.39		
5	64QAM	25	0	20.48	20.51	20.49		
5	256QAM	1	0	18.80	18.86	18.81	19.8	2.5
5	256QAM	1	12	18.72	18.83	18.82		
5	256QAM	1	24	18.78	18.90	18.88		
5	256QAM	12	0	18.66	18.69	18.74	19.8	2.5
5	256QAM	12	7	18.68	18.77	18.79		
5	256QAM	12	13	18.61	18.69	18.70		
5	256QAM	25	0	18.70	18.85	18.86		

Band 66_ANT 1(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.85	20.87	20.84	21.8	0
20	QPSK	1	49	20.80	20.74	20.77		
20	QPSK	1	99	20.72	20.83	20.73		
20	QPSK	50	0	20.79	20.85	20.83	21.8	0
20	QPSK	50	24	20.76	20.81	20.72		
20	QPSK	50	50	20.78	20.75	20.82		
20	QPSK	100	0	20.82	20.84	20.77		
20	16QAM	1	0	20.75	20.76	20.73	21.8	0
20	16QAM	1	49	20.80	20.73	20.77		
20	16QAM	1	99	20.81	20.78	20.72		
20	16QAM	50	0	20.83	20.84	20.76	21.8	0
20	16QAM	50	24	20.81	20.74	20.73		
20	16QAM	50	50	20.76	20.81	20.80		
20	16QAM	100	0	20.74	20.83	20.74		
20	64QAM	1	0	20.74	20.72	20.74	21.8	0
20	64QAM	1	49	20.83	20.84	20.81		
20	64QAM	1	99	20.85	20.80	20.79		
20	64QAM	50	0	20.05	20.08	20.08	20.8	1
20	64QAM	50	24	20.06	20.08	20.08		
20	64QAM	50	50	20.10	20.06	20.09		
20	64QAM	100	0	20.11	20.10	20.04		
20	256QAM	1	0	18.42	18.41	18.42	19.8	2
20	256QAM	1	49	18.43	18.41	18.44		
20	256QAM	1	99	18.46	18.42	18.42		
20	256QAM	50	0	18.11	18.20	18.14	19.8	2
20	256QAM	50	24	18.10	18.10	18.20		
20	256QAM	50	50	18.09	18.10	18.13		
20	256QAM	100	0	18.17	18.19	18.20		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.71	20.86	20.71	21.8	0
15	QPSK	1	37	20.75	20.70	20.66		
15	QPSK	1	74	20.65	20.80	20.60		
15	QPSK	36	0	20.76	20.75	20.78	21.8	0
15	QPSK	36	20	20.70	20.74	20.66		
15	QPSK	36	39	20.65	20.66	20.73		
15	QPSK	75	0	20.72	20.74	20.66		
15	16QAM	1	0	20.69	20.73	20.64	21.8	0
15	16QAM	1	37	20.69	20.65	20.66		
15	16QAM	1	74	20.69	20.66	20.64		
15	16QAM	36	0	20.75	20.78	20.67	21.8	0
15	16QAM	36	20	20.74	20.64	20.66		
15	16QAM	36	39	20.68	20.71	20.76		
15	16QAM	75	0	20.69	20.71	20.70		
15	64QAM	1	0	20.70	20.62	20.70	21.8	0
15	64QAM	1	37	20.79	20.75	20.68		
15	64QAM	1	74	20.74	20.72	20.72		
15	64QAM	36	0	19.97	19.97	20.02	20.8	1
15	64QAM	36	20	20.03	19.95	19.96		
15	64QAM	36	39	20.00	20.00	19.99		
15	64QAM	75	0	20.04	19.98	19.93		
15	256QAM	1	0	18.35	18.34	18.31	19.8	2
15	256QAM	1	37	18.39	18.35	18.39		
15	256QAM	1	74	18.39	18.32	18.33		
15	256QAM	36	0	18.01	18.10	18.10	19.8	2
15	256QAM	36	20	17.98	18.07	18.12		
15	256QAM	36	39	18.05	18.05	18.04		
15	256QAM	75	0	18.06	18.10	18.11		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.70	20.82	20.66	21.8	0
10	QPSK	1	25	20.74	20.63	20.71		
10	QPSK	1	49	20.64	20.79	20.63		
10	QPSK	25	0	20.66	20.81	20.74	21.8	0
10	QPSK	25	12	20.67	20.70	20.61		
10	QPSK	25	25	20.71	20.68	20.72		
10	QPSK	50	0	20.75	20.74	20.73		
10	16QAM	1	0	20.66	20.67	20.63	21.8	0
10	16QAM	1	25	20.70	20.60	20.73		
10	16QAM	1	49	20.77	20.70	20.63		
10	16QAM	25	0	20.77	20.71	20.69	21.8	0
10	16QAM	25	12	20.72	20.65	20.69		
10	16QAM	25	25	20.63	20.75	20.75		
10	16QAM	50	0	20.65	20.76	20.65		
10	64QAM	1	0	20.70	20.60	20.71	21.8	0
10	64QAM	1	25	20.79	20.73	20.77		
10	64QAM	1	49	20.76	20.73	20.67		
10	64QAM	25	0	20.02	20.00	19.98	20.8	1
10	64QAM	25	12	19.93	19.95	19.96		
10	64QAM	25	25	19.97	20.00	20.00		
10	64QAM	50	0	20.03	20.01	19.99		
10	256QAM	1	0	18.37	18.36	18.29	19.8	2
10	256QAM	1	25	18.35	18.29	18.34		
10	256QAM	1	49	18.42	18.31	18.39		
10	256QAM	25	0	18.05	18.16	18.04	19.8	2
10	256QAM	25	12	18.05	17.98	18.08		
10	256QAM	25	25	18.02	18.04	18.06		
10	256QAM	50	0	18.04	18.06	18.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.71	20.86	20.71	21.8	0
5	QPSK	1	12	20.68	20.70	20.71		
5	QPSK	1	24	20.61	20.79	20.63		
5	QPSK	12	0	20.72	20.76	20.71	21.8	0
5	QPSK	12	7	20.68	20.72	20.60		
5	QPSK	12	13	20.73	20.70	20.79		
5	QPSK	25	0	20.71	20.71	20.67		
5	16QAM	1	0	20.62	20.73	20.67	21.8	0
5	16QAM	1	12	20.71	20.66	20.64		
5	16QAM	1	24	20.75	20.68	20.61		
5	16QAM	12	0	20.75	20.76	20.63	21.8	0
5	16QAM	12	7	20.69	20.70	20.62		
5	16QAM	12	13	20.67	20.71	20.69		
5	16QAM	25	0	20.67	20.74	20.61		
5	64QAM	1	0	20.70	20.61	20.61	21.8	0
5	64QAM	1	12	20.75	20.76	20.76		
5	64QAM	1	24	20.72	20.77	20.71		
5	64QAM	12	0	20.01	19.96	19.97	20.8	1
5	64QAM	12	7	20.01	20.03	20.04		
5	64QAM	12	13	20.02	19.95	19.96		
5	64QAM	25	0	20.06	20.05	19.91		
5	256QAM	1	0	18.29	18.34	18.36	19.8	2
5	256QAM	1	12	18.40	18.33	18.33		
5	256QAM	1	24	18.39	18.30	18.33		
5	256QAM	12	0	17.98	18.07	18.01	19.8	2
5	256QAM	12	7	17.97	18.07	18.16		
5	256QAM	12	13	17.98	18.06	18.10		
5	256QAM	25	0	18.09	18.14	18.11		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.74	20.84	20.71	21.8	0
3	QPSK	1	8	20.71	20.63	20.71		
3	QPSK	1	14	20.62	20.78	20.70		
3	QPSK	8	0	20.76	20.72	20.71	21.8	0
3	QPSK	8	4	20.70	20.77	20.59		
3	QPSK	8	7	20.72	20.69	20.70		
3	QPSK	15	0	20.78	20.76	20.73		
3	16QAM	1	0	20.72	20.66	20.65	21.8	0
3	16QAM	1	8	20.76	20.61	20.73		
3	16QAM	1	14	20.71	20.66	20.65		
3	16QAM	8	0	20.77	20.76	20.66	21.8	0
3	16QAM	8	4	20.71	20.64	20.66		
3	16QAM	8	7	20.73	20.68	20.72		
3	16QAM	15	0	20.68	20.76	20.61		
3	64QAM	1	0	20.66	20.61	20.66	21.8	0
3	64QAM	1	8	20.71	20.74	20.75		
3	64QAM	1	14	20.76	20.73	20.67		
3	64QAM	8	0	19.93	19.99	19.99	20.8	1
3	64QAM	8	4	19.95	20.05	20.01		
3	64QAM	8	7	19.99	20.00	19.96		
3	64QAM	15	0	20.04	20.01	20.00		
3	256QAM	1	0	18.35	18.38	18.32	19.8	2
3	256QAM	1	8	18.32	18.30	18.37		
3	256QAM	1	14	18.33	18.34	18.38		
3	256QAM	8	0	18.05	18.11	18.11	19.8	2
3	256QAM	8	4	18.06	18.05	18.11		
3	256QAM	8	7	18.02	18.06	18.01		
3	256QAM	15	0	18.14	18.07	18.09		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.68	20.86	20.67	21.8	0
1.4	QPSK	1	3	20.75	20.61	20.67		
1.4	QPSK	1	5	20.65	20.79	20.67		
1.4	QPSK	3	0	20.66	20.82	20.72		
1.4	QPSK	3	1	20.64	20.71	20.63		
1.4	QPSK	3	3	20.75	20.68	20.75		
1.4	QPSK	6	0	20.74	20.76	20.70	21.8	0
1.4	16QAM	1	0	20.66	20.69	20.70	21.8	0
1.4	16QAM	1	3	20.74	20.70	20.68		
1.4	16QAM	1	5	20.76	20.75	20.69		
1.4	16QAM	3	0	20.77	20.76	20.69		
1.4	16QAM	3	1	20.71	20.67	20.62		
1.4	16QAM	3	3	20.66	20.78	20.76		
1.4	16QAM	6	0	20.61	20.75	20.65	21.8	0
1.4	64QAM	1	0	20.69	20.59	20.69	21.8	0
1.4	64QAM	1	3	20.71	20.76	20.76		
1.4	64QAM	1	5	20.76	20.77	20.70		
1.4	64QAM	3	0	20.69	20.74	20.75		
1.4	64QAM	3	1	20.81	20.83	20.73		
1.4	64QAM	3	3	20.70	20.82	20.81		
1.4	64QAM	6	0	20.07	20.01	19.98	20.8	1
1.4	256QAM	1	0	18.37	18.32	18.30	19.8	2
1.4	256QAM	1	3	18.40	18.33	18.32		
1.4	256QAM	1	5	18.37	18.30	18.30		
1.4	256QAM	3	0	18.34	18.36	18.40		
1.4	256QAM	3	1	18.39	18.37	18.41		
1.4	256QAM	3	3	18.41	18.42	18.35		
1.4	256QAM	6	0	18.10	18.10	18.14	19.8	2

Band 66_ANT 3(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.12	20.32	20.21	21.3	0
20	QPSK	1	49	20.00	20.08	20.00		
20	QPSK	1	99	20.03	20.10	20.05		
20	QPSK	50	0	20.12	20.31	20.08	21.3	0
20	QPSK	50	24	19.98	20.01	19.99		
20	QPSK	50	50	20.01	20.09	20.07		
20	QPSK	100	0	20.08	20.10	19.98		
20	16QAM	1	0	20.08	20.00	20.10	21.3	0
20	16QAM	1	49	20.05	20.05	19.98		
20	16QAM	1	99	20.09	20.10	20.03		
20	16QAM	50	0	20.06	20.02	20.01	21.3	0
20	16QAM	50	24	20.07	20.06	20.09		
20	16QAM	50	50	20.10	20.02	20.09		
20	16QAM	100	0	20.04	20.02	20.03		
20	64QAM	1	0	20.07	20.07	20.06	21.3	0
20	64QAM	1	49	20.05	19.97	20.03		
20	64QAM	1	99	20.06	19.98	20.01		
20	64QAM	50	0	20.09	20.10	20.07	21.3	0
20	64QAM	50	24	20.07	19.99	20.07		
20	64QAM	50	50	20.09	20.04	20.07		
20	64QAM	100	0	20.00	20.05	20.08		
20	256QAM	1	0	19.02	19.04	19.08	19.8	1.5
20	256QAM	1	49	19.07	19.03	19.13		
20	256QAM	1	99	19.05	19.06	19.03		
20	256QAM	50	0	19.01	19.03	19.04	19.8	1.5
20	256QAM	50	24	19.05	19.06	19.03		
20	256QAM	50	50	19.15	19.08	19.11		
20	256QAM	100	0	19.06	19.06	19.05		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.86	20.09	19.91	21.3	0
15	QPSK	1	37	19.96	19.99	19.96		
15	QPSK	1	74	19.99	20.02	20.02		
15	QPSK	36	0	19.92	20.02	20.02	21.3	0
15	QPSK	36	20	19.87	19.91	19.86		
15	QPSK	36	39	19.94	19.99	20.03		
15	QPSK	75	0	19.95	20.03	19.95		
15	16QAM	1	0	20.04	19.94	20.02	21.3	0
15	16QAM	1	37	19.92	20.00	19.91		
15	16QAM	1	74	20.06	20.02	19.95		
15	16QAM	36	0	20.03	19.95	19.90	21.3	0
15	16QAM	36	20	19.97	19.98	20.06		
15	16QAM	36	39	19.99	19.90	20.03		
15	16QAM	75	0	19.96	19.90	20.00		
15	64QAM	1	0	19.96	19.95	20.03	21.3	0
15	64QAM	1	37	19.97	19.84	19.91		
15	64QAM	1	74	20.02	19.90	19.91		
15	64QAM	36	0	20.02	20.07	20.02	21.3	0
15	64QAM	36	20	19.98	19.89	19.96		
15	64QAM	36	39	19.98	19.92	19.98		
15	64QAM	75	0	19.88	19.94	19.95		
15	256QAM	1	0	18.92	19.00	19.03	19.8	1.5
15	256QAM	1	37	19.02	18.98	19.04		
15	256QAM	1	74	18.92	18.99	19.00		
15	256QAM	36	0	18.97	18.93	18.91	19.8	1.5
15	256QAM	36	20	18.94	18.94	18.99		
15	256QAM	36	39	19.07	19.05	19.05		
15	256QAM	75	0	18.98	19.03	19.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.82	20.05	19.90	21.3	0
10	QPSK	1	25	19.96	20.01	19.92		
10	QPSK	1	49	19.92	19.99	19.93		
10	QPSK	25	0	19.93	20.03	19.96	21.3	0
10	QPSK	25	12	19.90	19.89	19.91		
10	QPSK	25	25	19.97	20.06	19.99		
10	QPSK	50	0	20.05	20.05	19.92		
10	16QAM	1	0	19.98	19.94	20.07	21.3	0
10	16QAM	1	25	19.96	20.01	19.95		
10	16QAM	1	49	20.02	20.01	19.98		
10	16QAM	25	0	19.96	19.92	19.96	21.3	0
10	16QAM	25	12	20.01	20.01	19.97		
10	16QAM	25	25	20.01	19.92	19.96		
10	16QAM	50	0	19.99	19.96	19.91		
10	64QAM	1	0	19.98	19.98	19.99	21.3	0
10	64QAM	1	25	19.92	19.84	19.92		
10	64QAM	1	49	19.96	19.89	19.95		
10	64QAM	25	0	19.97	20.02	19.98	21.3	0
10	64QAM	25	12	19.98	19.86	19.94		
10	64QAM	25	25	20.04	19.93	19.96		
10	64QAM	50	0	19.87	20.00	20.04		
10	256QAM	1	0	18.98	18.97	18.98	19.8	1.5
10	256QAM	1	25	18.97	18.98	19.08		
10	256QAM	1	49	19.01	18.93	19.00		
10	256QAM	25	0	18.92	18.99	18.92	19.8	1.5
10	256QAM	25	12	18.94	18.93	18.97		
10	256QAM	25	25	19.12	19.05	19.01		
10	256QAM	50	0	19.01	19.00	18.95		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.81	20.01	19.98	21.3	0
5	QPSK	1	12	19.89	19.95	19.95		
5	QPSK	1	24	19.95	20.02	19.97		
5	QPSK	12	0	19.91	20.06	20.00	21.3	0
5	QPSK	12	7	19.89	19.95	19.88		
5	QPSK	12	13	19.90	19.99	19.94		
5	QPSK	25	0	20.02	20.05	19.90		
5	16QAM	1	0	20.05	19.97	20.02	21.3	0
5	16QAM	1	12	20.02	19.98	19.92		
5	16QAM	1	24	20.01	19.97	19.91		
5	16QAM	12	0	19.95	19.92	19.96	21.3	0
5	16QAM	12	7	19.98	19.97	20.03		
5	16QAM	12	13	20.03	19.92	20.03		
5	16QAM	25	0	19.99	19.93	20.00		
5	64QAM	1	0	19.95	20.04	19.94	21.3	0
5	64QAM	1	12	19.92	19.93	19.96		
5	64QAM	1	24	19.98	19.94	19.96		
5	64QAM	12	0	19.97	20.06	20.00	21.3	0
5	64QAM	12	7	19.96	19.90	19.96		
5	64QAM	12	13	20.06	19.98	20.01		
5	64QAM	25	0	19.92	19.99	19.99		
5	256QAM	1	0	18.92	18.93	18.96	19.8	1.5
5	256QAM	1	12	18.95	18.92	19.05		
5	256QAM	1	24	18.95	18.98	18.91		
5	256QAM	12	0	18.90	18.96	18.93	19.8	1.5
5	256QAM	12	7	18.98	19.01	18.99		
5	256QAM	12	13	19.12	19.01	18.98		
5	256QAM	25	0	18.97	18.94	18.95		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.84	20.00	19.96	21.3	0
3	QPSK	1	8	19.88	20.03	19.92		
3	QPSK	1	14	19.94	20.07	19.93		
3	QPSK	8	0	19.94	20.02	19.96	21.3	0
3	QPSK	8	4	19.90	19.89	19.86		
3	QPSK	8	7	19.94	20.02	19.96		
3	QPSK	15	0	19.98	20.04	19.87		
3	16QAM	1	0	19.97	19.91	19.99	21.3	0
3	16QAM	1	8	19.92	19.96	19.85		
3	16QAM	1	14	20.04	19.98	20.00		
3	16QAM	8	0	19.95	19.89	19.89	21.3	0
3	16QAM	8	4	19.96	19.97	19.97		
3	16QAM	8	7	19.98	19.90	19.97		
3	16QAM	15	0	19.93	19.93	20.00		
3	64QAM	1	0	19.99	19.98	20.01	21.3	0
3	64QAM	1	8	19.92	19.85	19.95		
3	64QAM	1	14	19.94	19.89	19.92		
3	64QAM	8	0	19.98	19.97	19.97	21.3	0
3	64QAM	8	4	19.95	19.95	19.99		
3	64QAM	8	7	20.01	19.95	19.97		
3	64QAM	15	0	19.91	20.01	20.01		
3	256QAM	1	0	18.93	18.95	19.01	19.8	1.5
3	256QAM	1	8	18.95	18.96	19.04		
3	256QAM	1	14	18.97	19.01	18.95		
3	256QAM	8	0	18.93	18.95	18.96	19.8	1.5
3	256QAM	8	4	18.96	18.96	18.91		
3	256QAM	8	7	19.05	18.97	19.06		
3	256QAM	15	0	19.02	18.97	18.92		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.83	20.00	19.94	21.3	0
1.4	QPSK	1	3	19.94	19.99	19.92		
1.4	QPSK	1	5	19.95	20.05	19.93		
1.4	QPSK	3	0	19.93	20.04	19.94		
1.4	QPSK	3	1	19.85	19.88	19.91		
1.4	QPSK	3	3	19.94	20.02	19.95		
1.4	QPSK	6	0	20.04	20.00	19.92	21.3	0
1.4	16QAM	1	0	19.99	19.95	20.04	21.3	0
1.4	16QAM	1	3	19.99	19.93	19.93		
1.4	16QAM	1	5	19.99	20.03	19.96		
1.4	16QAM	3	0	20.03	19.93	19.91		
1.4	16QAM	3	1	19.96	19.99	20.00		
1.4	16QAM	3	3	20.01	19.98	20.01		
1.4	16QAM	6	0	19.95	19.90	19.94	21.3	0
1.4	64QAM	1	0	20.00	20.00	20.01	21.3	0
1.4	64QAM	1	3	19.95	19.90	19.93		
1.4	64QAM	1	5	19.94	19.85	19.93		
1.4	64QAM	3	0	20.02	19.99	20.04		
1.4	64QAM	3	1	20.03	19.88	19.98		
1.4	64QAM	3	3	19.97	20.01	19.96		
1.4	64QAM	6	0	19.89	19.99	19.98	21.3	0
1.4	256QAM	1	0	18.95	18.96	19.04	19.8	1.5
1.4	256QAM	1	3	19.04	18.90	19.05		
1.4	256QAM	1	5	18.98	18.93	18.90		
1.4	256QAM	3	0	18.88	18.98	19.00		
1.4	256QAM	3	1	18.95	18.93	18.92		
1.4	256QAM	3	3	19.12	19.03	19.04		
1.4	256QAM	6	0	19.02	18.98	18.92	19.8	1.5

Band 71_ANT 1(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.00	24.15	24.10	24.8	0
20	QPSK	1	49	23.98	23.99	24.09		
20	QPSK	1	99	23.96	23.98	23.89		
20	QPSK	50	0	23.08	23.10	23.07	23.8	1
20	QPSK	50	24	23.08	22.94	23.00		
20	QPSK	50	50	23.08	22.90	23.04		
20	QPSK	100	0	23.02	23.07	23.00		
20	16QAM	1	0	23.15	23.41	23.36	23.8	1
20	16QAM	1	49	23.25	23.47	23.38		
20	16QAM	1	99	23.20	23.14	23.01		
20	16QAM	50	0	21.95	22.10	22.11	22.8	2
20	16QAM	50	24	22.12	22.04	22.08		
20	16QAM	50	50	22.07	21.98	22.03		
20	16QAM	100	0	22.09	22.10	21.96		
20	64QAM	1	0	22.20	22.26	22.25	22.8	2
20	64QAM	1	49	22.15	22.22	22.10		
20	64QAM	1	99	22.09	22.19	22.17		
20	64QAM	50	0	20.97	21.14	21.04	21.8	3
20	64QAM	50	24	21.05	21.02	21.02		
20	64QAM	50	50	21.08	21.00	20.88		
20	64QAM	100	0	21.06	21.13	20.94		
20	256QAM	1	0	18.99	19.11	19.07	19.8	5
20	256QAM	1	49	19.10	19.20	19.18		
20	256QAM	1	99	19.26	19.21	19.17		
20	256QAM	50	0	19.02	19.12	19.06	19.8	5
20	256QAM	50	24	19.09	19.05	19.06		
20	256QAM	50	50	19.08	19.07	19.05		
20	256QAM	100	0	19.11	19.14	19.10		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.98	23.99	24.01	24.8	0
15	QPSK	1	37	24.08	24.10	23.96		
15	QPSK	1	74	24.01	24.00	24.08		
15	QPSK	36	0	23.06	23.09	23.05	23.8	1
15	QPSK	36	20	23.08	23.02	23.01		
15	QPSK	36	39	23.01	23.06	22.98		
15	QPSK	75	0	23.09	23.03	23.00		
15	16QAM	1	0	23.30	23.24	23.28	23.8	1
15	16QAM	1	37	23.14	23.22	23.16		
15	16QAM	1	74	23.13	23.11	23.07		
15	16QAM	36	0	22.06	22.07	22.10	22.8	2
15	16QAM	36	20	22.13	22.10	22.05		
15	16QAM	36	39	22.06	22.07	22.01		
15	16QAM	75	0	22.10	22.04	22.03		
15	64QAM	1	0	22.14	22.25	22.11	22.8	2
15	64QAM	1	37	22.16	22.22	22.15		
15	64QAM	1	74	22.08	22.17	22.09		
15	64QAM	36	0	21.01	21.05	21.07	21.8	3
15	64QAM	36	20	21.06	21.03	21.02		
15	64QAM	36	39	20.98	21.01	21.00		
15	64QAM	75	0	21.09	21.10	21.04		
15	256QAM	1	0	18.98	19.06	19.14	19.8	5
15	256QAM	1	37	19.11	19.16	19.20		
15	256QAM	1	74	19.25	19.21	19.19		
15	256QAM	36	0	19.00	19.07	19.08	19.8	5
15	256QAM	36	20	19.08	19.04	19.04		
15	256QAM	36	39	19.08	19.04	19.09		
15	256QAM	75	0	19.13	19.13	19.13		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	24.06	24.10	24.09	24.8	0
10	QPSK	1	25	24.11	24.10	24.11		
10	QPSK	1	49	24.13	24.11	24.03		
10	QPSK	25	0	23.11	23.13	23.07	23.8	1
10	QPSK	25	12	23.15	23.24	23.13		
10	QPSK	25	25	23.16	23.17	23.14		
10	QPSK	50	0	23.20	23.23	23.05		
10	16QAM	1	0	23.21	23.26	23.31	23.8	1
10	16QAM	1	25	23.33	23.34	23.31		
10	16QAM	1	49	23.25	23.18	23.11		
10	16QAM	25	0	22.20	22.16	22.15	22.8	2
10	16QAM	25	12	22.17	22.20	22.14		
10	16QAM	25	25	22.19	22.21	22.17		
10	16QAM	50	0	22.18	22.20	22.15		
10	64QAM	1	0	22.23	22.26	22.29	22.8	2
10	64QAM	1	25	22.32	22.33	22.25		
10	64QAM	1	49	22.28	22.22	22.24		
10	64QAM	25	0	21.19	21.17	21.13	21.8	3
10	64QAM	25	12	21.18	21.27	21.11		
10	64QAM	25	25	21.21	21.29	21.20		
10	64QAM	50	0	21.09	21.19	21.06		
10	256QAM	1	0	18.97	19.04	19.11	19.8	5
10	256QAM	1	25	19.10	19.22	19.16		
10	256QAM	1	49	19.28	19.20	19.19		
10	256QAM	25	0	19.05	19.07	19.10	19.8	5
10	256QAM	25	12	19.10	19.05	19.02		
10	256QAM	25	25	19.08	19.04	19.06		
10	256QAM	50	0	19.13	19.12	19.13		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.12	24.09	24.06	24.8	0
5	QPSK	1	12	24.07	24.10	24.08		
5	QPSK	1	24	24.11	24.07	24.05		
5	QPSK	12	0	23.10	23.11	23.08	23.8	1
5	QPSK	12	7	23.15	23.19	23.17		
5	QPSK	12	13	23.12	23.20	23.15		
5	QPSK	25	0	23.19	23.16	23.17		
5	16QAM	1	0	23.27	23.25	23.25	23.8	1
5	16QAM	1	12	23.33	23.27	23.26		
5	16QAM	1	24	23.26	23.29	23.14		
5	16QAM	12	0	22.13	22.18	22.11	22.8	2
5	16QAM	12	7	22.22	22.27	22.24		
5	16QAM	12	13	22.15	22.20	22.17		
5	16QAM	25	0	22.17	22.22	22.15		
5	64QAM	1	0	22.27	22.24	22.23	22.8	2
5	64QAM	1	12	22.20	22.32	22.28		
5	64QAM	1	24	22.18	22.19	22.18		
5	64QAM	12	0	21.17	21.13	21.14	21.8	3
5	64QAM	12	7	21.24	21.29	21.18		
5	64QAM	12	13	21.18	21.15	21.19		
5	64QAM	25	0	21.17	21.19	21.17		
5	256QAM	1	0	19.01	19.09	19.14	19.8	5
5	256QAM	1	12	19.13	19.21	19.17		
5	256QAM	1	24	19.22	19.20	19.24		
5	256QAM	12	0	18.99	19.08	19.12	19.8	5
5	256QAM	12	7	19.08	19.06	19.06		
5	256QAM	12	13	19.06	19.04	19.04		
5	256QAM	25	0	19.07	19.09	19.12		

Band 2_ANT 3(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.89	19.92	19.88	21.3	0
20	QPSK	1	49	19.87	19.82	19.79		
20	QPSK	1	99	19.79	19.89	19.79		
20	QPSK	50	0	19.88	19.90	19.86	21.3	0
20	QPSK	50	24	19.78	19.88	19.81		
20	QPSK	50	50	19.84	19.86	19.82		
20	QPSK	100	0	19.77	19.88	19.87		
20	16QAM	1	0	19.82	19.83	19.83	21.3	0
20	16QAM	1	49	19.87	19.87	19.86		
20	16QAM	1	99	19.86	19.85	19.77		
20	16QAM	50	0	19.88	19.81	19.88	21.3	0
20	16QAM	50	24	19.88	19.83	19.83		
20	16QAM	50	50	19.84	19.82	19.78		
20	16QAM	100	0	19.86	19.85	19.77		
20	64QAM	1	0	19.77	19.78	19.84	21.3	0
20	64QAM	1	49	19.89	19.88	19.79		
20	64QAM	1	99	19.85	19.79	19.90		
20	64QAM	50	0	19.84	19.79	19.81	21.3	0
20	64QAM	50	24	19.78	19.81	19.86		
20	64QAM	50	50	19.86	19.85	19.77		
20	64QAM	100	0	19.88	19.88	19.79		
20	256QAM	1	0	18.91	19.03	18.89	19.8	1.5
20	256QAM	1	49	18.95	19.03	18.95		
20	256QAM	1	99	18.90	18.93	18.97		
20	256QAM	50	0	18.79	18.83	18.84	19.8	1.5
20	256QAM	50	24	18.83	18.86	18.94		
20	256QAM	50	50	18.91	18.88	18.91		
20	256QAM	100	0	18.78	18.79	18.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.75	19.82	19.85	21.3	0
15	QPSK	1	37	19.83	19.75	19.71		
15	QPSK	1	74	19.70	19.83	19.66		
15	QPSK	36	0	19.74	19.79	19.66	21.3	0
15	QPSK	36	20	19.69	19.76	19.84		
15	QPSK	36	39	19.81	19.77	19.82		
15	QPSK	75	0	19.72	19.76	19.77		
15	16QAM	1	0	19.74	19.73	19.79	21.3	0
15	16QAM	1	37	19.81	19.84	19.76		
15	16QAM	1	74	19.74	19.78	19.70		
15	16QAM	36	0	19.76	19.71	19.79	21.3	0
15	16QAM	36	20	19.75	19.72	19.78		
15	16QAM	36	39	19.76	19.75	19.70		
15	16QAM	75	0	19.76	19.82	19.64		
15	64QAM	1	0	19.74	19.70	19.71	21.3	0
15	64QAM	1	37	19.80	19.84	19.76		
15	64QAM	1	74	19.78	19.73	19.85		
15	64QAM	36	0	19.73	19.72	19.74	21.3	0
15	64QAM	36	20	19.75	19.73	19.81		
15	64QAM	36	39	19.75	19.73	19.72		
15	64QAM	75	0	19.81	19.82	19.69		
15	256QAM	1	0	18.88	19.03	18.86	19.8	1.5
15	256QAM	1	37	18.97	19.07	18.91		
15	256QAM	1	74	18.88	18.93	18.94		
15	256QAM	36	0	18.76	18.80	18.86	19.8	1.5
15	256QAM	36	20	18.79	18.87	18.94		
15	256QAM	36	39	18.89	18.91	18.93		
15	256QAM	75	0	18.76	18.82	18.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.79	19.83	19.84	21.3	0
10	QPSK	1	25	19.75	19.75	19.72		
10	QPSK	1	49	19.73	19.80	19.76		
10	QPSK	25	0	19.70	19.83	19.73	21.3	0
10	QPSK	25	12	19.73	19.81	19.86		
10	QPSK	25	25	19.77	19.81	19.86		
10	QPSK	50	0	19.66	19.76	19.79		
10	16QAM	1	0	19.74	19.71	19.72	21.3	0
10	16QAM	1	25	19.79	19.78	19.76		
10	16QAM	1	49	19.78	19.82	19.74		
10	16QAM	25	0	19.76	19.78	19.83	21.3	0
10	16QAM	25	12	19.82	19.75	19.80		
10	16QAM	25	25	19.71	19.76	19.70		
10	16QAM	50	0	19.74	19.76	19.70		
10	64QAM	1	0	19.73	19.66	19.72	21.3	0
10	64QAM	1	25	19.82	19.83	19.75		
10	64QAM	1	49	19.74	19.72	19.77		
10	64QAM	25	0	19.80	19.66	19.76	21.3	0
10	64QAM	25	12	19.75	19.68	19.75		
10	64QAM	25	25	19.79	19.74	19.67		
10	64QAM	50	0	19.77	19.85	19.76		
10	256QAM	1	0	18.93	19.02	18.85	19.8	1.5
10	256QAM	1	25	18.93	19.03	18.91		
10	256QAM	1	49	18.89	18.97	18.96		
10	256QAM	25	0	18.83	18.85	18.85	19.8	1.5
10	256QAM	25	12	18.85	18.86	18.98		
10	256QAM	25	25	18.87	18.84	18.87		
10	256QAM	50	0	18.82	18.83	18.85		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.75	19.82	19.76	21.3	0
5	QPSK	1	12	19.76	19.72	19.71		
5	QPSK	1	24	19.76	19.79	19.68		
5	QPSK	12	0	19.75	19.81	19.68	21.3	0
5	QPSK	12	7	19.71	19.81	19.78		
5	QPSK	12	13	19.80	19.81	19.78		
5	QPSK	25	0	19.67	19.79	19.79		
5	16QAM	1	0	19.78	19.72	19.72	21.3	0
5	16QAM	1	12	19.83	19.80	19.76		
5	16QAM	1	24	19.80	19.78	19.73		
5	16QAM	12	0	19.81	19.75	19.84	21.3	0
5	16QAM	12	7	19.82	19.72	19.72		
5	16QAM	12	13	19.74	19.73	19.75		
5	16QAM	25	0	19.79	19.82	19.69		
5	64QAM	1	0	19.74	19.72	19.72	21.3	0
5	64QAM	1	12	19.85	19.75	19.73		
5	64QAM	1	24	19.80	19.70	19.77		
5	64QAM	12	0	19.75	19.76	19.76	21.3	0
5	64QAM	12	7	19.72	19.77	19.74		
5	64QAM	12	13	19.79	19.76	19.66		
5	64QAM	25	0	19.85	19.75	19.70		
5	256QAM	1	0	18.94	19.07	18.86	19.8	1.5
5	256QAM	1	12	18.92	19.02	18.94		
5	256QAM	1	24	18.91	18.95	18.97		
5	256QAM	12	0	18.77	18.87	18.85	19.8	1.5
5	256QAM	12	7	18.82	18.85	18.92		
5	256QAM	12	13	18.87	18.91	18.89		
5	256QAM	25	0	18.82	18.76	18.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.73	19.80	19.85	21.3	0
3	QPSK	1	8	19.78	19.75	19.72		
3	QPSK	1	14	19.71	19.79	19.73		
3	QPSK	8	0	19.66	19.81	19.70	21.3	0
3	QPSK	8	4	19.71	19.81	19.84		
3	QPSK	8	7	19.75	19.76	19.85		
3	QPSK	15	0	19.67	19.78	19.75		
3	16QAM	1	0	19.75	19.74	19.77	21.3	0
3	16QAM	1	8	19.77	19.84	19.83		
3	16QAM	1	14	19.73	19.77	19.73		
3	16QAM	8	0	19.83	19.75	19.81	21.3	0
3	16QAM	8	4	19.76	19.71	19.76		
3	16QAM	8	7	19.75	19.70	19.67		
3	16QAM	15	0	19.79	19.82	19.71		
3	64QAM	1	0	19.65	19.65	19.75	21.3	0
3	64QAM	1	8	19.79	19.85	19.72		
3	64QAM	1	14	19.78	19.75	19.83		
3	64QAM	8	0	19.74	19.71	19.78	21.3	0
3	64QAM	8	4	19.69	19.72	19.73		
3	64QAM	8	7	19.75	19.81	19.73		
3	64QAM	15	0	19.82	19.78	19.75		
3	256QAM	1	0	18.89	19.02	18.93	19.8	1.5
3	256QAM	1	8	18.94	19.02	18.94		
3	256QAM	1	14	18.90	18.92	18.95		
3	256QAM	8	0	18.81	18.83	18.84	19.8	1.5
3	256QAM	8	4	18.83	18.84	18.90		
3	256QAM	8	7	18.92	18.86	18.91		
3	256QAM	15	0	18.79	18.75	18.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.80	19.86	19.75	21.3	0
1.4	QPSK	1	3	19.79	19.74	19.73		
1.4	QPSK	1	5	19.66	19.79	19.71		
1.4	QPSK	3	0	19.72	19.77	19.74		
1.4	QPSK	3	1	19.70	19.82	19.80		
1.4	QPSK	3	3	19.80	19.82	19.80		
1.4	QPSK	6	0	19.70	19.84	19.82	21.3	0
1.4	16QAM	1	0	19.76	19.70	19.72	21.3	0
1.4	16QAM	1	3	19.81	19.76	19.81		
1.4	16QAM	1	5	19.82	19.81	19.66		
1.4	16QAM	3	0	19.84	19.70	19.80		
1.4	16QAM	3	1	19.82	19.79	19.79		
1.4	16QAM	3	3	19.77	19.70	19.74		
1.4	16QAM	6	0	19.74	19.76	19.65	21.3	0
1.4	64QAM	1	0	19.68	19.70	19.71	21.3	0
1.4	64QAM	1	3	19.78	19.82	19.66		
1.4	64QAM	1	5	19.75	19.76	19.86		
1.4	64QAM	3	0	19.75	19.72	19.73		
1.4	64QAM	3	1	19.66	19.69	19.79		
1.4	64QAM	3	3	19.81	19.77	19.70		
1.4	64QAM	6	0	19.77	19.85	19.70	21.3	0
1.4	256QAM	1	0	18.90	19.00	18.89	19.8	1.5
1.4	256QAM	1	3	18.95	19.00	18.97		
1.4	256QAM	1	5	18.86	18.90	18.96		
1.4	256QAM	3	0	18.82	18.84	18.80		
1.4	256QAM	3	1	18.81	18.90	18.93		
1.4	256QAM	3	3	18.88	18.90	18.92		
1.4	256QAM	6	0	18.82	18.80	18.81	19.8	1.5

Band 4_ANT 1(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.71	20.76	20.70	21.8	0
20	QPSK	1	49	20.69	20.57	20.69		
20	QPSK	1	99	20.64	20.67	20.54		
20	QPSK	50	0	20.67	20.73	20.67	21.8	0
20	QPSK	50	24	20.57	20.64	20.60		
20	QPSK	50	50	20.59	20.61	20.66		
20	QPSK	100	0	20.68	20.71	20.66		
20	16QAM	1	0	20.60	20.63	20.60	21.8	0
20	16QAM	1	49	20.61	20.60	20.68		
20	16QAM	1	99	20.67	20.62	20.59		
20	16QAM	50	0	20.68	20.72	20.57	21.8	0
20	16QAM	50	24	20.66	20.64	20.62		
20	16QAM	50	50	20.62	20.65	20.63		
20	16QAM	100	0	20.56	20.74	20.56		
20	64QAM	1	0	20.61	20.61	20.59	21.8	0
20	64QAM	1	49	20.67	20.65	20.65		
20	64QAM	1	99	20.65	20.68	20.63		
20	64QAM	50	0	19.97	19.98	20.00	20.8	1
20	64QAM	50	24	19.90	19.96	19.95		
20	64QAM	50	50	19.93	19.91	20.01		
20	64QAM	100	0	20.03	19.96	19.84		
20	256QAM	1	0	18.32	18.34	18.35	19.8	2
20	256QAM	1	49	18.32	18.26	18.34		
20	256QAM	1	99	18.32	18.35	18.23		
20	256QAM	50	0	17.99	18.12	18.03	19.8	2
20	256QAM	50	24	17.94	17.98	18.01		
20	256QAM	50	50	18.00	17.93	17.96		
20	256QAM	100	0	18.03	18.11	18.09		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.55	20.70	20.55	21.8	0
15	QPSK	1	37	20.58	20.45	20.57		
15	QPSK	1	74	20.56	20.61	20.47		
15	QPSK	36	0	20.61	20.60	20.60	21.8	0
15	QPSK	36	20	20.45	20.60	20.47		
15	QPSK	36	39	20.50	20.54	20.54		
15	QPSK	75	0	20.55	20.58	20.55		
15	16QAM	1	0	20.54	20.57	20.51	21.8	0
15	16QAM	1	37	20.56	20.55	20.58		
15	16QAM	1	74	20.56	20.51	20.54		
15	16QAM	36	0	20.56	20.59	20.47	21.8	0
15	16QAM	36	20	20.58	20.60	20.49		
15	16QAM	36	39	20.49	20.54	20.56		
15	16QAM	75	0	20.44	20.61	20.48		
15	64QAM	1	0	20.54	20.56	20.55	21.8	0
15	64QAM	1	37	20.61	20.58	20.52		
15	64QAM	1	74	20.57	20.64	20.54		
15	64QAM	36	0	19.93	19.93	19.97	20.8	1
15	64QAM	36	20	19.85	19.85	19.84		
15	64QAM	36	39	19.82	19.83	19.95		
15	64QAM	75	0	19.93	19.88	19.79		
15	256QAM	1	0	18.20	18.24	18.27	19.8	2
15	256QAM	1	37	18.22	18.16	18.24		
15	256QAM	1	74	18.29	18.22	18.13		
15	256QAM	36	0	17.88	18.02	18.00	19.8	2
15	256QAM	36	20	17.83	17.93	17.92		
15	256QAM	36	39	17.97	17.85	17.87		
15	256QAM	75	0	17.91	18.06	18.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.58	20.72	20.56	21.8	0
10	QPSK	1	25	20.66	20.52	20.58		
10	QPSK	1	49	20.60	20.60	20.51		
10	QPSK	25	0	20.60	20.66	20.60	21.8	0
10	QPSK	25	12	20.48	20.59	20.52		
10	QPSK	25	25	20.49	20.51	20.56		
10	QPSK	50	0	20.56	20.62	20.54		
10	16QAM	1	0	20.48	20.56	20.53	21.8	0
10	16QAM	1	25	20.58	20.54	20.56		
10	16QAM	1	49	20.61	20.51	20.53		
10	16QAM	25	0	20.57	20.65	20.45	21.8	0
10	16QAM	25	12	20.59	20.54	20.50		
10	16QAM	25	25	20.50	20.62	20.52		
10	16QAM	50	0	20.50	20.62	20.49		
10	64QAM	1	0	20.56	20.58	20.47	21.8	0
10	64QAM	1	25	20.60	20.56	20.54		
10	64QAM	1	49	20.56	20.61	20.55		
10	64QAM	25	0	19.90	19.87	19.89	20.8	1
10	64QAM	25	12	19.87	19.83	19.83		
10	64QAM	25	25	19.80	19.87	19.88		
10	64QAM	50	0	19.94	19.91	19.80		
10	256QAM	1	0	18.28	18.25	18.27	19.8	2
10	256QAM	1	25	18.28	18.23	18.31		
10	256QAM	1	49	18.20	18.30	18.17		
10	256QAM	25	0	17.92	18.02	17.93	19.8	2
10	256QAM	25	12	17.81	17.93	17.90		
10	256QAM	25	25	17.89	17.83	17.93		
10	256QAM	50	0	17.97	17.99	18.04		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.54	20.75	20.57	21.8	0
5	QPSK	1	12	20.66	20.50	20.56		
5	QPSK	1	24	20.59	20.55	20.42		
5	QPSK	12	0	20.54	20.70	20.62	21.8	0
5	QPSK	12	7	20.47	20.61	20.47		
5	QPSK	12	13	20.50	20.51	20.61		
5	QPSK	25	0	20.58	20.65	20.58		
5	16QAM	1	0	20.51	20.50	20.57	21.8	0
5	16QAM	1	12	20.56	20.52	20.57		
5	16QAM	1	24	20.60	20.55	20.52		
5	16QAM	12	0	20.55	20.61	20.48	21.8	0
5	16QAM	12	7	20.63	20.59	20.54		
5	16QAM	12	13	20.55	20.59	20.53		
5	16QAM	25	0	20.52	20.64	20.48		
5	64QAM	1	0	20.54	20.56	20.46	21.8	0
5	64QAM	1	12	20.54	20.60	20.57		
5	64QAM	1	24	20.52	20.58	20.55		
5	64QAM	12	0	19.93	19.88	19.89	20.8	1
5	64QAM	12	7	19.77	19.89	19.83		
5	64QAM	12	13	19.81	19.82	19.97		
5	64QAM	25	0	19.94	19.84	19.71		
5	256QAM	1	0	18.26	18.28	18.28	19.8	2
5	256QAM	1	12	18.27	18.20	18.31		
5	256QAM	1	24	18.20	18.22	18.14		
5	256QAM	12	0	17.95	18.03	17.97	19.8	2
5	256QAM	12	7	17.88	17.91	17.93		
5	256QAM	12	13	17.89	17.90	17.87		
5	256QAM	25	0	17.95	18.00	17.99		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.55	20.71	20.58	21.8	0
3	QPSK	1	8	20.57	20.51	20.62		
3	QPSK	1	14	20.51	20.61	20.43		
3	QPSK	8	0	20.58	20.62	20.56	21.8	0
3	QPSK	8	4	20.50	20.55	20.55		
3	QPSK	8	7	20.50	20.54	20.55		
3	QPSK	15	0	20.61	20.62	20.63		
3	16QAM	1	0	20.57	20.56	20.50	21.8	0
3	16QAM	1	8	20.55	20.50	20.55		
3	16QAM	1	14	20.62	20.56	20.54		
3	16QAM	8	0	20.64	20.60	20.53	21.8	0
3	16QAM	8	4	20.62	20.60	20.55		
3	16QAM	8	7	20.53	20.59	20.59		
3	16QAM	15	0	20.46	20.63	20.44		
3	64QAM	1	0	20.51	20.48	20.53	21.8	0
3	64QAM	1	8	20.61	20.54	20.55		
3	64QAM	1	14	20.58	20.60	20.58		
3	64QAM	8	0	19.85	19.88	19.87	20.8	1
3	64QAM	8	4	19.86	19.87	19.83		
3	64QAM	8	7	19.84	19.85	19.98		
3	64QAM	15	0	19.96	19.87	19.76		
3	256QAM	1	0	18.24	18.22	18.32	19.8	2
3	256QAM	1	8	18.27	18.13	18.26		
3	256QAM	1	14	18.19	18.25	18.18		
3	256QAM	8	0	17.92	18.02	17.92	19.8	2
3	256QAM	8	4	17.87	17.93	17.94		
3	256QAM	8	7	17.92	17.87	17.92		
3	256QAM	15	0	18.00	18.01	17.97		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.55	20.75	20.56	21.8	0
1.4	QPSK	1	3	20.57	20.45	20.60		
1.4	QPSK	1	5	20.61	20.54	20.50		
1.4	QPSK	3	0	20.54	20.65	20.52		
1.4	QPSK	3	1	20.52	20.55	20.55		
1.4	QPSK	3	3	20.49	20.48	20.62		
1.4	QPSK	6	0	20.64	20.58	20.61	21.8	0
1.4	16QAM	1	0	20.51	20.57	20.49	21.8	0
1.4	16QAM	1	3	20.49	20.56	20.64		
1.4	16QAM	1	5	20.59	20.57	20.49		
1.4	16QAM	3	0	20.55	20.67	20.53		
1.4	16QAM	3	1	20.53	20.56	20.59		
1.4	16QAM	3	3	20.54	20.62	20.57		
1.4	16QAM	6	0	20.45	20.63	20.48	21.8	0
1.4	64QAM	1	0	20.56	20.49	20.54	21.8	0
1.4	64QAM	1	3	20.61	20.57	20.57		
1.4	64QAM	1	5	20.60	20.58	20.57		
1.4	64QAM	3	0	20.58	20.57	20.54		
1.4	64QAM	3	1	20.60	20.60	20.58		
1.4	64QAM	3	3	20.48	20.52	20.59		
1.4	64QAM	6	0	19.98	19.85	19.76	20.8	1
1.4	256QAM	1	0	18.25	18.28	18.22	19.8	2
1.4	256QAM	1	3	18.23	18.22	18.24		
1.4	256QAM	1	5	18.24	18.24	18.18		
1.4	256QAM	3	0	18.29	18.28	18.24		
1.4	256QAM	3	1	18.24	18.26	18.17		
1.4	256QAM	3	3	18.24	18.23	18.22		
1.4	256QAM	6	0	17.94	18.05	18.05	19.8	2

Band 4_ANT 3(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.06	20.26	20.16	21.3	0
20	QPSK	1	49	20.01	20.02	20.07		
20	QPSK	1	99	20.05	20.07	20.11		
20	QPSK	50	0	20.05	20.12	20.10	21.3	0
20	QPSK	50	24	20.04	20.09	20.07		
20	QPSK	50	50	20.00	20.11	20.05		
20	QPSK	100	0	20.09	20.11	20.10		
20	16QAM	1	0	20.00	20.01	20.08	21.3	0
20	16QAM	1	49	20.02	20.11	20.01		
20	16QAM	1	99	20.04	20.03	20.08		
20	16QAM	50	0	20.05	20.12	20.04	21.3	0
20	16QAM	50	24	20.00	20.09	20.05		
20	16QAM	50	50	20.07	20.09	20.09		
20	16QAM	100	0	20.09	20.10	20.01		
20	64QAM	1	0	20.01	20.07	20.09	21.3	0
20	64QAM	1	49	20.07	20.01	20.05		
20	64QAM	1	99	20.03	20.10	20.06		
20	64QAM	50	0	19.99	20.06	20.03	21.3	0
20	64QAM	50	24	20.10	20.07	20.09		
20	64QAM	50	50	20.04	20.09	20.10		
20	64QAM	100	0	20.09	20.12	20.08		
20	256QAM	1	0	18.94	18.90	18.95	19.8	1.5
20	256QAM	1	49	18.97	18.96	18.95		
20	256QAM	1	99	18.88	18.89	18.88		
20	256QAM	50	0	18.93	18.89	18.96	19.8	1.5
20	256QAM	50	24	18.89	18.90	18.99		
20	256QAM	50	50	18.96	18.88	18.92		
20	256QAM	100	0	18.95	18.89	18.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.93	20.03	20.13	21.3	0
15	QPSK	1	37	19.98	19.93	19.99		
15	QPSK	1	74	19.93	19.99	20.05		
15	QPSK	36	0	19.92	20.08	19.99	21.3	0
15	QPSK	36	20	20.00	20.02	19.94		
15	QPSK	36	39	19.88	20.05	19.92		
15	QPSK	75	0	19.98	20.00	20.00		
15	16QAM	1	0	19.87	19.94	19.97	21.3	0
15	16QAM	1	37	19.94	20.05	19.91		
15	16QAM	1	74	19.97	19.97	20.03		
15	16QAM	36	0	19.94	20.05	20.00	21.3	0
15	16QAM	36	20	19.95	20.06	19.92		
15	16QAM	36	39	19.99	19.99	19.98		
15	16QAM	75	0	20.03	20.03	19.98		
15	64QAM	1	0	19.90	20.02	19.96	21.3	0
15	64QAM	1	37	19.99	19.91	19.96		
15	64QAM	1	74	19.96	20.00	19.93		
15	64QAM	36	0	19.94	20.02	19.90	21.3	0
15	64QAM	36	20	20.03	20.01	20.03		
15	64QAM	36	39	19.99	20.01	20.00		
15	64QAM	75	0	20.00	20.00	20.02		
15	256QAM	1	0	18.89	18.82	18.84	19.8	1.5
15	256QAM	1	37	18.84	18.88	18.91		
15	256QAM	1	74	18.78	18.80	18.81		
15	256QAM	36	0	18.86	18.85	18.88	19.8	1.5
15	256QAM	36	20	18.80	18.86	18.94		
15	256QAM	36	39	18.84	18.78	18.86		
15	256QAM	75	0	18.84	18.81	18.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.02	20.08	20.19	21.3	0
10	QPSK	1	25	19.97	19.92	19.94		
10	QPSK	1	49	19.98	19.95	20.02		
10	QPSK	25	0	19.92	20.03	20.00	21.3	0
10	QPSK	25	12	19.91	19.99	19.98		
10	QPSK	25	25	19.94	20.01	20.02		
10	QPSK	50	0	19.96	20.04	19.98		
10	16QAM	1	0	19.87	19.89	19.95	21.3	0
10	16QAM	1	25	19.89	19.98	19.88		
10	16QAM	1	49	19.97	19.91	20.03		
10	16QAM	25	0	19.98	19.99	19.98	21.3	0
10	16QAM	25	12	19.93	20.03	19.95		
10	16QAM	25	25	19.95	19.97	19.97		
10	16QAM	50	0	20.00	20.00	19.94		
10	64QAM	1	0	19.93	20.00	19.98	21.3	0
10	64QAM	1	25	20.00	19.92	19.92		
10	64QAM	1	49	19.99	20.03	19.99		
10	64QAM	25	0	19.95	19.99	19.96	21.3	0
10	64QAM	25	12	20.02	19.94	20.00		
10	64QAM	25	25	19.93	20.02	20.04		
10	64QAM	50	0	20.06	20.02	20.02		
10	256QAM	1	0	18.87	18.80	18.86	19.8	1.5
10	256QAM	1	25	18.94	18.83	18.91		
10	256QAM	1	49	18.85	18.78	18.80		
10	256QAM	25	0	18.89	18.86	18.91	19.8	1.5
10	256QAM	25	12	18.81	18.84	18.89		
10	256QAM	25	25	18.84	18.78	18.87		
10	256QAM	50	0	18.90	18.85	18.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.00	20.07	20.13	21.3	0
5	QPSK	1	12	19.93	19.99	20.00		
5	QPSK	1	24	19.93	19.95	20.04		
5	QPSK	12	0	19.91	20.06	20.05	21.3	0
5	QPSK	12	7	19.93	19.97	19.94		
5	QPSK	12	13	19.94	20.01	19.96		
5	QPSK	25	0	20.06	20.08	19.97		
5	16QAM	1	0	19.95	19.98	19.99	21.3	0
5	16QAM	1	12	19.98	20.05	19.89		
5	16QAM	1	24	19.93	19.94	20.01		
5	16QAM	12	0	19.97	19.99	19.98	21.3	0
5	16QAM	12	7	19.90	20.00	20.02		
5	16QAM	12	13	19.98	19.97	20.06		
5	16QAM	25	0	20.04	20.01	19.96		
5	64QAM	1	0	19.92	19.95	20.03	21.3	0
5	64QAM	1	12	20.03	19.89	19.99		
5	64QAM	1	24	19.96	19.99	19.98		
5	64QAM	12	0	19.86	19.94	19.95	21.3	0
5	64QAM	12	7	20.06	19.97	19.98		
5	64QAM	12	13	19.94	20.06	19.98		
5	64QAM	25	0	20.01	20.04	19.95		
5	256QAM	1	0	18.81	18.85	18.88	19.8	1.5
5	256QAM	1	12	18.89	18.85	18.86		
5	256QAM	1	24	18.84	18.81	18.82		
5	256QAM	12	0	18.90	18.80	18.84	19.8	1.5
5	256QAM	12	7	18.77	18.82	18.92		
5	256QAM	12	13	18.91	18.79	18.85		
5	256QAM	25	0	18.82	18.81	18.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.92	20.03	20.19	21.3	0
3	QPSK	1	8	19.89	19.94	20.03		
3	QPSK	1	14	19.98	19.95	20.02		
3	QPSK	8	0	19.89	20.02	20.05	21.3	0
3	QPSK	8	4	19.98	19.96	19.97		
3	QPSK	8	7	19.89	20.01	20.01		
3	QPSK	15	0	20.02	20.04	20.06		
3	16QAM	1	0	19.90	19.93	20.02	21.3	0
3	16QAM	1	8	19.89	20.07	19.96		
3	16QAM	1	14	20.00	19.95	19.95		
3	16QAM	8	0	19.96	20.00	19.99	21.3	0
3	16QAM	8	4	19.87	20.00	19.94		
3	16QAM	8	7	19.98	20.01	19.99		
3	16QAM	15	0	20.00	19.97	19.97		
3	64QAM	1	0	19.92	20.02	20.03	21.3	0
3	64QAM	1	8	20.03	19.91	19.96		
3	64QAM	1	14	19.92	20.01	19.93		
3	64QAM	8	0	19.89	19.95	19.91	21.3	0
3	64QAM	8	4	19.99	20.02	20.06		
3	64QAM	8	7	19.96	20.04	19.99		
3	64QAM	15	0	19.96	20.05	20.02		
3	256QAM	1	0	18.91	18.84	18.87	19.8	1.5
3	256QAM	1	8	18.89	18.84	18.82		
3	256QAM	1	14	18.80	18.84	18.80		
3	256QAM	8	0	18.85	18.80	18.87	19.8	1.5
3	256QAM	8	4	18.84	18.84	18.91		
3	256QAM	8	7	18.83	18.75	18.83		
3	256QAM	15	0	18.89	18.80	18.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.02	20.09	20.18	21.3	0
1.4	QPSK	1	3	19.96	19.98	19.94		
1.4	QPSK	1	5	19.93	19.97	20.03		
1.4	QPSK	3	0	19.95	20.06	20.07		
1.4	QPSK	3	1	19.98	19.96	20.01		
1.4	QPSK	3	3	19.88	20.06	19.99		
1.4	QPSK	6	0	20.06	20.01	20.00	21.3	0
1.4	16QAM	1	0	19.96	19.88	19.96	21.3	0
1.4	16QAM	1	3	19.97	20.02	19.95		
1.4	16QAM	1	5	19.93	19.99	20.05		
1.4	16QAM	3	0	19.97	20.09	19.98		
1.4	16QAM	3	1	19.96	20.02	19.97		
1.4	16QAM	3	3	20.00	20.06	19.96		
1.4	16QAM	6	0	19.97	20.06	19.98	21.3	0
1.4	64QAM	1	0	19.96	20.04	19.96	21.3	0
1.4	64QAM	1	3	20.03	19.97	19.96		
1.4	64QAM	1	5	19.98	20.05	20.01		
1.4	64QAM	3	0	19.96	19.96	19.96		
1.4	64QAM	3	1	19.99	19.95	20.00		
1.4	64QAM	3	3	19.98	19.96	20.05		
1.4	64QAM	6	0	20.00	20.07	20.04	21.3	0
1.4	256QAM	1	0	18.84	18.80	18.87	19.8	1.5
1.4	256QAM	1	3	18.92	18.84	18.90		
1.4	256QAM	1	5	18.76	18.81	18.82		
1.4	256QAM	3	0	18.83	18.81	18.92		
1.4	256QAM	3	1	18.85	18.85	18.96		
1.4	256QAM	3	3	18.89	18.75	18.82		
1.4	256QAM	6	0	18.85	18.85	18.82	19.8	1.5

Band 5_ANT 1(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.82	23.72	23.70	24.8	0
10	QPSK	1	25	23.77	23.69	23.69		
10	QPSK	1	49	23.77	23.67	23.63		
10	QPSK	25	0	22.83	22.82	22.81	23.8	1
10	QPSK	25	12	22.80	22.75	22.80		
10	QPSK	25	25	22.81	22.79	22.79		
10	QPSK	50	0	22.82	22.81	22.80		
10	16QAM	1	0	23.20	23.11	23.07	23.8	1
10	16QAM	1	25	23.14	23.03	23.05		
10	16QAM	1	49	23.22	23.12	23.07		
10	16QAM	25	0	21.82	21.77	21.73	22.8	2
10	16QAM	25	12	21.83	21.78	21.83		
10	16QAM	25	25	21.89	21.80	21.80		
10	16QAM	50	0	21.88	21.82	21.81		
10	64QAM	1	0	22.10	22.04	21.88	22.8	2
10	64QAM	1	25	22.02	21.95	22.00		
10	64QAM	1	49	21.95	22.04	21.89		
10	64QAM	25	0	20.80	20.73	20.70	21.8	3
10	64QAM	25	12	20.81	20.75	20.80		
10	64QAM	25	25	20.86	20.78	20.77		
10	64QAM	50	0	20.89	20.79	20.79		
10	256QAM	1	0	18.97	18.96	18.99	19.8	5
10	256QAM	1	25	19.03	19.11	19.07		
10	256QAM	1	49	19.08	19.02	19.01		
10	256QAM	25	0	18.99	18.97	18.96	19.8	5
10	256QAM	25	12	18.96	18.92	19.00		
10	256QAM	25	25	19.00	18.95	18.98		
10	256QAM	50	0	19.07	18.96	19.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.54	23.69	23.72	24.8	0
5	QPSK	1	12	23.68	23.77	23.78		
5	QPSK	1	24	23.60	23.81	23.80		
5	QPSK	12	0	22.67	22.72	22.80	23.8	1
5	QPSK	12	7	22.77	22.67	22.88		
5	QPSK	12	13	22.69	22.78	22.88		
5	QPSK	25	0	22.70	22.79	22.85		
5	16QAM	1	0	23.30	22.99	22.98	23.8	1
5	16QAM	1	12	23.05	23.39	23.12		
5	16QAM	1	24	23.10	23.15	23.41		
5	16QAM	12	0	21.78	21.77	21.85	22.8	2
5	16QAM	12	7	21.69	21.68	21.85		
5	16QAM	12	13	21.85	21.73	21.82		
5	16QAM	25	0	21.70	21.65	21.92		
5	64QAM	1	0	21.96	22.01	22.00	22.8	2
5	64QAM	1	12	22.13	22.09	21.95		
5	64QAM	1	24	21.90	21.91	22.04		
5	64QAM	12	0	20.60	20.72	20.84	21.8	3
5	64QAM	12	7	20.82	20.84	20.96		
5	64QAM	12	13	20.79	20.88	20.89		
5	64QAM	25	0	20.81	20.85	20.83		
5	256QAM	1	0	18.95	18.92	18.98	19.8	5
5	256QAM	1	12	19.03	19.11	19.03		
5	256QAM	1	24	19.00	19.02	19.07		
5	256QAM	12	0	18.94	19.00	18.96	19.8	5
5	256QAM	12	7	19.00	18.96	18.92		
5	256QAM	12	13	18.95	18.97	19.02		
5	256QAM	25	0	19.04	18.95	19.06		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.67	23.72	23.80	24.8	0
3	QPSK	1	8	23.63	23.75	23.79		
3	QPSK	1	14	23.61	23.69	23.60		
3	QPSK	8	0	22.77	22.60	22.80	23.8	1
3	QPSK	8	4	22.69	22.75	22.80		
3	QPSK	8	7	22.73	22.68	22.73		
3	QPSK	15	0	22.70	22.68	22.73		
3	16QAM	1	0	23.00	22.95	22.92	23.8	1
3	16QAM	1	8	23.09	23.18	22.80		
3	16QAM	1	14	22.81	23.18	23.18		
3	16QAM	8	0	21.74	21.81	21.82	22.8	2
3	16QAM	8	4	21.74	21.78	21.77		
3	16QAM	8	7	21.68	21.89	21.96		
3	16QAM	15	0	21.79	21.81	21.73		
3	64QAM	1	0	21.99	22.05	22.21	22.8	2
3	64QAM	1	8	22.32	21.94	22.23		
3	64QAM	1	14	21.27	21.87	22.18		
3	64QAM	8	0	20.74	20.70	20.77	21.8	3
3	64QAM	8	4	20.73	20.85	20.70		
3	64QAM	8	7	20.59	20.73	20.80		
3	64QAM	15	0	20.59	20.72	20.75		
3	256QAM	1	0	18.95	18.96	18.98	19.8	5
3	256QAM	1	8	19.09	19.09	19.00		
3	256QAM	1	14	19.00	19.05	19.08		
3	256QAM	8	0	19.00	18.94	19.01	19.8	5
3	256QAM	8	4	18.99	18.91	18.97		
3	256QAM	8	7	19.02	18.91	19.00		
3	256QAM	15	0	19.04	18.93	19.07		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.81	23.64	23.80	24.8	0
1.4	QPSK	1	3	23.65	23.65	23.64		
1.4	QPSK	1	5	23.59	23.59	23.70		
1.4	QPSK	3	0	23.65	23.62	23.78		
1.4	QPSK	3	1	23.64	23.56	23.76		
1.4	QPSK	3	3	23.63	23.69	23.70		
1.4	QPSK	6	0	22.63	22.69	22.73	23.8	1
1.4	16QAM	1	0	22.85	22.78	23.05	23.8	1
1.4	16QAM	1	3	22.87	23.14	23.11		
1.4	16QAM	1	5	22.94	23.20	22.98		
1.4	16QAM	3	0	22.96	22.71	22.86		
1.4	16QAM	3	1	22.83	23.04	22.83		
1.4	16QAM	3	3	22.79	22.66	23.17		
1.4	16QAM	6	0	21.62	21.94	22.04	22.8	2
1.4	64QAM	1	0	21.98	22.00	22.08	22.8	2
1.4	64QAM	1	3	21.84	22.25	22.24		
1.4	64QAM	1	5	22.18	21.94	22.19		
1.4	64QAM	3	0	21.77	21.97	22.11		
1.4	64QAM	3	1	21.76	21.77	22.03		
1.4	64QAM	3	3	21.75	22.19	21.88		
1.4	64QAM	6	0	20.75	20.75	20.74	21.8	3
1.4	256QAM	1	0	18.98	18.95	19.01	19.8	5
1.4	256QAM	1	3	19.08	19.14	18.99		
1.4	256QAM	1	5	18.99	18.99	19.11		
1.4	256QAM	3	0	18.93	18.99	18.95		
1.4	256QAM	3	1	18.99	18.88	18.99		
1.4	256QAM	3	3	19.01	18.95	18.96		
1.4	256QAM	6	0	19.03	18.95	19.09	19.8	5

Band 7_ANT 1(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.81	22.85	22.80	23.8	0
20	QPSK	1	49	22.78	22.79	22.78		
20	QPSK	1	99	22.72	22.74	22.76		
20	QPSK	50	0	22.09	22.10	22.09	22.8	1
20	QPSK	50	24	22.07	22.03	22.08		
20	QPSK	50	50	22.06	22.06	22.08		
20	QPSK	100	0	22.04	22.07	22.06		
20	16QAM	1	0	22.09	22.07	22.07	22.8	1
20	16QAM	1	49	22.00	22.02	22.05		
20	16QAM	1	99	22.15	22.09	22.13		
20	16QAM	50	0	21.01	21.05	21.06	21.8	2
20	16QAM	50	24	21.06	21.06	21.11		
20	16QAM	50	50	21.13	21.17	21.12		
20	16QAM	100	0	21.04	21.08	21.05		
20	64QAM	1	0	21.06	21.08	21.10	21.8	2
20	64QAM	1	49	21.05	21.04	21.07		
20	64QAM	1	99	21.05	21.08	21.14		
20	64QAM	50	0	20.06	20.02	19.99	20.8	3
20	64QAM	50	24	19.98	20.01	19.99		
20	64QAM	50	50	20.16	20.11	20.09		
20	64QAM	100	0	20.01	20.06	20.08		
20	256QAM	1	0	18.28	18.22	18.18	18.8	5
20	256QAM	1	49	18.20	18.23	18.20		
20	256QAM	1	99	18.28	18.31	18.35		
20	256QAM	50	0	18.12	18.07	18.13	18.8	5
20	256QAM	50	24	18.05	18.08	18.02		
20	256QAM	50	50	18.07	18.12	18.13		
20	256QAM	100	0	18.06	18.03	18.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.72	22.82	22.69	23.8	0
15	QPSK	1	37	22.72	22.75	22.75		
15	QPSK	1	74	22.60	22.63	22.67		
15	QPSK	36	0	21.96	21.97	22.00	22.8	1
15	QPSK	36	20	21.99	21.97	22.04		
15	QPSK	36	39	21.98	22.01	21.97		
15	QPSK	75	0	21.91	22.02	21.98		
15	16QAM	1	0	21.97	22.01	22.04	22.8	1
15	16QAM	1	37	21.87	21.90	21.92		
15	16QAM	1	74	22.12	21.96	22.06		
15	16QAM	36	0	20.98	20.98	21.00	21.8	2
15	16QAM	36	20	21.02	20.98	21.01		
15	16QAM	36	39	21.09	21.04	21.04		
15	16QAM	75	0	20.95	21.04	20.98		
15	64QAM	1	0	20.98	20.97	20.98	21.8	2
15	64QAM	1	37	21.02	20.94	20.94		
15	64QAM	1	74	20.95	21.05	21.07		
15	64QAM	36	0	20.03	19.93	19.90	20.8	3
15	64QAM	36	20	19.90	19.97	19.90		
15	64QAM	36	39	20.10	20.01	20.02		
15	64QAM	75	0	19.88	20.01	19.95		
15	256QAM	1	0	18.20	18.11	18.09	18.8	5
15	256QAM	1	37	18.08	18.10	18.07		
15	256QAM	1	74	18.24	18.19	18.25		
15	256QAM	36	0	18.06	17.94	18.03	18.8	5
15	256QAM	36	20	17.94	18.03	17.89		
15	256QAM	36	39	17.95	18.01	18.05		
15	256QAM	75	0	18.01	17.97	18.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.74	22.79	22.72	23.8	0
10	QPSK	1	25	22.75	22.74	22.68		
10	QPSK	1	49	22.63	22.67	22.67		
10	QPSK	25	0	21.94	22.03	21.94	22.8	1
10	QPSK	25	12	21.99	21.99	22.01		
10	QPSK	25	25	21.99	22.00	21.98		
10	QPSK	50	0	21.98	21.96	22.00		
10	16QAM	1	0	21.96	21.96	21.98	22.8	1
10	16QAM	1	25	21.97	21.97	22.02		
10	16QAM	1	49	22.02	21.96	22.06		
10	16QAM	25	0	20.89	20.99	20.94	21.8	2
10	16QAM	25	12	20.93	21.00	21.00		
10	16QAM	25	25	21.01	21.13	21.00		
10	16QAM	50	0	20.98	20.95	20.92		
10	64QAM	1	0	20.98	21.04	21.04	21.8	2
10	64QAM	1	25	21.02	20.92	20.96		
10	64QAM	1	49	21.01	21.02	21.03		
10	64QAM	25	0	19.98	19.92	19.86	20.8	3
10	64QAM	25	12	19.94	19.89	19.92		
10	64QAM	25	25	20.10	20.03	19.97		
10	64QAM	50	0	19.92	19.93	20.01		
10	256QAM	1	0	18.17	18.16	18.11	18.8	5
10	256QAM	1	25	18.09	18.12	18.08		
10	256QAM	1	49	18.23	18.27	18.22		
10	256QAM	25	0	18.06	17.94	18.08	18.8	5
10	256QAM	25	12	17.95	17.99	17.96		
10	256QAM	25	25	17.99	18.00	18.07		
10	256QAM	50	0	17.98	17.93	18.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.72	22.80	22.68	23.8	0
5	QPSK	1	12	22.68	22.70	22.74		
5	QPSK	1	24	22.69	22.70	22.66		
5	QPSK	12	0	21.99	21.98	21.96	22.8	1
5	QPSK	12	7	21.97	21.97	21.97		
5	QPSK	12	13	22.01	21.93	22.00		
5	QPSK	25	0	21.99	21.98	22.01		
5	16QAM	1	0	21.96	21.97	22.03	22.8	1
5	16QAM	1	12	21.95	21.89	21.92		
5	16QAM	1	24	22.12	22.00	22.02		
5	16QAM	12	0	20.96	20.99	20.93	21.8	2
5	16QAM	12	7	21.02	21.01	21.03		
5	16QAM	12	13	21.05	21.12	21.02		
5	16QAM	25	0	20.98	20.95	21.02		
5	64QAM	1	0	20.95	21.03	21.02	21.8	2
5	64QAM	1	12	21.00	20.99	20.97		
5	64QAM	1	24	21.02	20.98	21.09		
5	64QAM	12	0	20.00	19.98	19.90	20.8	3
5	64QAM	12	7	19.88	19.96	19.93		
5	64QAM	12	13	20.13	20.00	20.06		
5	64QAM	25	0	19.95	19.97	20.02		
5	256QAM	1	0	18.21	18.13	18.14	18.8	5
5	256QAM	1	12	18.11	18.15	18.07		
5	256QAM	1	24	18.19	18.28	18.32		
5	256QAM	12	0	18.01	17.95	18.00	18.8	5
5	256QAM	12	7	17.97	18.01	17.89		
5	256QAM	12	13	18.02	18.05	18.09		
5	256QAM	25	0	17.98	17.98	18.03		

Band 7_ANT 3(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.53	20.55	20.52	21.5	0
20	QPSK	1	49	20.50	20.44	20.46		
20	QPSK	1	99	20.45	20.53	20.42		
20	QPSK	50	0	20.47	20.53	20.52	21.5	0
20	QPSK	50	24	20.41	20.51	20.50		
20	QPSK	50	50	20.46	20.44	20.43		
20	QPSK	100	0	20.46	20.51	20.47		
20	16QAM	1	0	20.52	20.48	20.52	21.5	0
20	16QAM	1	49	20.45	20.45	20.53		
20	16QAM	1	99	20.40	20.51	20.43		
20	16QAM	50	0	20.42	20.40	20.53	21.5	0
20	16QAM	50	24	20.52	20.48	20.52		
20	16QAM	50	50	20.49	20.48	20.52		
20	16QAM	100	0	20.51	20.50	20.48		
20	64QAM	1	0	20.45	20.45	20.52	21.5	0
20	64QAM	1	49	20.44	20.42	20.49		
20	64QAM	1	99	20.40	20.42	20.53		
20	64QAM	50	0	20.15	20.14	20.21	20.8	0.7
20	64QAM	50	24	20.12	20.10	20.15		
20	64QAM	50	50	20.19	20.19	20.20		
20	64QAM	100	0	20.22	20.15	20.15		
20	256QAM	1	0	18.57	18.64	18.65	19	2.5
20	256QAM	1	49	18.55	18.53	18.59		
20	256QAM	1	99	18.53	18.55	18.53		
20	256QAM	50	0	18.61	18.66	18.67	19	2.5
20	256QAM	50	24	18.55	18.63	18.55		
20	256QAM	50	50	18.62	18.60	18.53		
20	256QAM	100	0	18.54	18.58	18.53		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.30	20.43	20.46	21.5	0
15	QPSK	1	37	20.46	20.41	20.34		
15	QPSK	1	74	20.40	20.44	20.39		
15	QPSK	36	0	20.42	20.48	20.40	21.5	0
15	QPSK	36	20	20.37	20.47	20.45		
15	QPSK	36	39	20.40	20.33	20.33		
15	QPSK	75	0	20.37	20.38	20.43		
15	16QAM	1	0	20.40	20.37	20.49	21.5	0
15	16QAM	1	37	20.36	20.38	20.42		
15	16QAM	1	74	20.28	20.46	20.36		
15	16QAM	36	0	20.30	20.35	20.43	21.5	0
15	16QAM	36	20	20.43	20.40	20.46		
15	16QAM	36	39	20.42	20.45	20.46		
15	16QAM	75	0	20.47	20.37	20.45		
15	64QAM	1	0	20.33	20.42	20.44	21.5	0
15	64QAM	1	37	20.39	20.37	20.43		
15	64QAM	1	74	20.33	20.38	20.49		
15	64QAM	36	0	20.04	20.09	20.17	20.8	0.7
15	64QAM	36	20	20.00	20.02	20.04		
15	64QAM	36	39	20.11	20.08	20.10		
15	64QAM	75	0	20.13	20.06	20.07		
15	256QAM	1	0	18.54	18.58	18.62	19	2.5
15	256QAM	1	37	18.52	18.44	18.56		
15	256QAM	1	74	18.48	18.44	18.42		
15	256QAM	36	0	18.51	18.62	18.58	19	2.5
15	256QAM	36	20	18.45	18.57	18.43		
15	256QAM	36	39	18.53	18.53	18.41		
15	256QAM	75	0	18.42	18.54	18.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.35	20.49	20.42	21.5	0
10	QPSK	1	25	20.42	20.34	20.35		
10	QPSK	1	49	20.37	20.40	20.34		
10	QPSK	25	0	20.40	20.49	20.37	21.5	0
10	QPSK	25	12	20.32	20.47	20.43		
10	QPSK	25	25	20.38	20.39	20.35		
10	QPSK	50	0	20.39	20.47	20.35		
10	16QAM	1	0	20.42	20.38	20.45	21.5	0
10	16QAM	1	25	20.42	20.42	20.47		
10	16QAM	1	49	20.37	20.48	20.38		
10	16QAM	25	0	20.32	20.36	20.44	21.5	0
10	16QAM	25	12	20.40	20.37	20.42		
10	16QAM	25	25	20.38	20.42	20.40		
10	16QAM	50	0	20.38	20.45	20.35		
10	64QAM	1	0	20.36	20.41	20.40	21.5	0
10	64QAM	1	25	20.41	20.31	20.38		
10	64QAM	1	49	20.37	20.30	20.41		
10	64QAM	25	0	20.10	20.09	20.10	20.8	0.7
10	64QAM	25	12	20.07	19.99	20.07		
10	64QAM	25	25	20.14	20.06	20.10		
10	64QAM	50	0	20.11	20.09	20.03		
10	256QAM	1	0	18.51	18.56	18.52	19	2.5
10	256QAM	1	25	18.50	18.43	18.51		
10	256QAM	1	49	18.46	18.51	18.48		
10	256QAM	25	0	18.54	18.63	18.59	19	2.5
10	256QAM	25	12	18.46	18.51	18.49		
10	256QAM	25	25	18.54	18.54	18.50		
10	256QAM	50	0	18.42	18.55	18.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.36	20.45	20.45	21.5	0
5	QPSK	1	12	20.45	20.36	20.43		
5	QPSK	1	24	20.39	20.42	20.36		
5	QPSK	12	0	20.37	20.50	20.41	21.5	0
5	QPSK	12	7	20.36	20.46	20.48		
5	QPSK	12	13	20.38	20.34	20.36		
5	QPSK	25	0	20.42	20.40	20.39		
5	16QAM	1	0	20.44	20.39	20.40	21.5	0
5	16QAM	1	12	20.40	20.33	20.43		
5	16QAM	1	24	20.27	20.46	20.33		
5	16QAM	12	0	20.29	20.34	20.45	21.5	0
5	16QAM	12	7	20.40	20.39	20.48		
5	16QAM	12	13	20.43	20.43	20.41		
5	16QAM	25	0	20.44	20.45	20.37		
5	64QAM	1	0	20.33	20.42	20.48	21.5	0
5	64QAM	1	12	20.41	20.36	20.42		
5	64QAM	1	24	20.29	20.35	20.44		
5	64QAM	12	0	20.11	20.05	20.12	20.8	0.7
5	64QAM	12	7	20.00	19.98	20.12		
5	64QAM	12	13	20.13	20.07	20.14		
5	64QAM	25	0	20.09	20.08	20.03		
5	256QAM	1	0	18.52	18.56	18.58	19	2.5
5	256QAM	1	12	18.50	18.48	18.47		
5	256QAM	1	24	18.40	18.50	18.42		
5	256QAM	12	0	18.55	18.59	18.59	19	2.5
5	256QAM	12	7	18.50	18.53	18.51		
5	256QAM	12	13	18.51	18.47	18.45		
5	256QAM	25	0	18.43	18.53	18.44		

Band 12_ANT 1(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.92	23.82	24.8	0
10	QPSK	1	25	23.85	23.85	23.80		
10	QPSK	1	49	23.84	23.83	23.78		
10	QPSK	25	0	22.91	22.95	22.90	23.8	1
10	QPSK	25	12	22.84	22.94	22.89		
10	QPSK	25	25	22.90	22.92	22.89		
10	QPSK	50	0	22.83	22.90	22.88		
10	16QAM	1	0	23.26	23.31	23.23	23.8	1
10	16QAM	1	25	23.16	23.22	23.13		
10	16QAM	1	49	23.26	23.25	23.22		
10	16QAM	25	0	21.85	21.87	21.83	22.8	2
10	16QAM	25	12	21.88	21.95	21.92		
10	16QAM	25	25	21.93	21.93	21.90		
10	16QAM	50	0	21.86	21.92	21.89		
10	64QAM	1	0	22.13	22.09	21.99	22.8	2
10	64QAM	1	25	22.07	22.15	22.03		
10	64QAM	1	49	22.10	22.06	22.08		
10	64QAM	25	0	20.87	20.85	20.82	21.8	3
10	64QAM	25	12	20.85	20.95	20.91		
10	64QAM	25	25	20.93	20.94	20.91		
10	64QAM	50	0	20.84	20.92	20.90		
10	256QAM	1	0	19.06	19.05	19.07	19.8	5
10	256QAM	1	25	19.16	19.11	19.11		
10	256QAM	1	49	19.01	19.07	18.99		
10	256QAM	25	0	19.05	19.04	19.00	19.8	5
10	256QAM	25	12	18.99	19.12	19.09		
10	256QAM	25	25	19.03	19.04	19.04		
10	256QAM	50	0	19.02	19.03	19.06		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.68	23.61	23.71	24.8	0
5	QPSK	1	12	23.78	23.78	23.84		
5	QPSK	1	24	23.71	23.87	23.85		
5	QPSK	12	0	22.82	22.80	22.76	23.8	1
5	QPSK	12	7	22.91	22.83	22.78		
5	QPSK	12	13	22.80	22.86	22.76		
5	QPSK	25	0	22.85	22.81	22.69		
5	16QAM	1	0	23.20	23.14	23.27	23.8	1
5	16QAM	1	12	23.26	23.55	23.34		
5	16QAM	1	24	23.49	22.91	23.09		
5	16QAM	12	0	21.65	21.93	21.83	22.8	2
5	16QAM	12	7	21.92	21.85	21.91		
5	16QAM	12	13	21.89	21.84	21.86		
5	16QAM	25	0	21.87	21.76	21.72		
5	64QAM	1	0	21.87	22.45	22.08	22.8	2
5	64QAM	1	12	22.27	22.23	22.28		
5	64QAM	1	24	21.77	21.97	21.72		
5	64QAM	12	0	20.80	20.75	20.64	21.8	3
5	64QAM	12	7	20.80	20.74	20.74		
5	64QAM	12	13	20.84	20.86	20.83		
5	64QAM	25	0	20.86	20.87	20.77		
5	256QAM	1	0	19.02	19.07	19.09	19.8	5
5	256QAM	1	12	19.11	19.12	19.14		
5	256QAM	1	24	19.09	18.99	18.97		
5	256QAM	12	0	19.05	19.07	18.98	19.8	5
5	256QAM	12	7	19.15	19.00	19.10		
5	256QAM	12	13	19.01	19.05	19.05		
5	256QAM	25	0	19.00	19.03	19.06		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.76	23.74	23.88	24.8	0
3	QPSK	1	8	23.80	23.79	23.91		
3	QPSK	1	14	23.76	23.60	23.66		
3	QPSK	8	0	22.84	22.79	22.70	23.8	1
3	QPSK	8	4	22.86	22.88	22.80		
3	QPSK	8	7	22.87	22.83	22.80		
3	QPSK	15	0	22.80	22.70	22.69		
3	16QAM	1	0	23.22	22.75	22.91	23.8	1
3	16QAM	1	8	23.14	23.31	23.08		
3	16QAM	1	14	23.26	23.04	23.19		
3	16QAM	8	0	22.07	21.74	21.85	22.8	2
3	16QAM	8	4	22.01	21.94	21.78		
3	16QAM	8	7	21.85	21.93	21.85		
3	16QAM	15	0	21.84	21.75	21.82		
3	64QAM	1	0	22.10	21.93	21.59	22.8	2
3	64QAM	1	8	22.17	21.85	22.46		
3	64QAM	1	14	21.77	22.15	21.66		
3	64QAM	8	0	20.90	20.79	20.71	21.8	3
3	64QAM	8	4	20.98	20.93	20.73		
3	64QAM	8	7	20.80	20.78	20.83		
3	64QAM	15	0	20.86	20.78	20.75		
3	256QAM	1	0	19.08	19.04	19.10	19.8	5
3	256QAM	1	8	19.08	19.15	19.10		
3	256QAM	1	14	19.03	19.04	18.97		
3	256QAM	8	0	19.04	19.04	19.01	19.8	5
3	256QAM	8	4	19.09	19.02	19.07		
3	256QAM	8	7	19.03	19.04	19.01		
3	256QAM	15	0	19.03	19.02	19.06		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.84	23.78	23.65	24.8	0
1.4	QPSK	1	3	23.78	23.79	23.76		
1.4	QPSK	1	5	23.69	23.81	23.62		
1.4	QPSK	3	0	23.89	23.82	23.79		
1.4	QPSK	3	1	23.77	23.68	23.78		
1.4	QPSK	3	3	23.81	23.73	23.85		
1.4	QPSK	6	0	22.77	22.70	22.75	23.8	1
1.4	16QAM	1	0	23.16	23.25	22.90	23.8	1
1.4	16QAM	1	3	23.43	23.04	22.80		
1.4	16QAM	1	5	23.18	23.13	22.90		
1.4	16QAM	3	0	22.87	23.04	23.01		
1.4	16QAM	3	1	23.22	23.10	23.12		
1.4	16QAM	3	3	23.13	23.06	23.03		
1.4	16QAM	6	0	21.80	21.85	21.91	22.8	2
1.4	64QAM	1	0	22.05	22.19	21.90	22.8	2
1.4	64QAM	1	3	21.66	22.03	22.14		
1.4	64QAM	1	5	22.36	22.03	22.20		
1.4	64QAM	3	0	22.11	21.85	21.85		
1.4	64QAM	3	1	22.00	21.88	21.89		
1.4	64QAM	3	3	21.88	21.94	21.99		
1.4	64QAM	6	0	20.85	20.83	20.77	21.8	3
1.4	256QAM	1	0	19.08	19.04	19.08	19.8	5
1.4	256QAM	1	3	19.08	19.15	19.08		
1.4	256QAM	1	5	19.09	19.00	18.95		
1.4	256QAM	3	0	19.06	19.06	18.99		
1.4	256QAM	3	1	19.16	18.95	19.08		
1.4	256QAM	3	3	19.01	19.07	19.04		
1.4	256QAM	6	0	19.05	19.02	19.06	19.8	5

Band 13_ANT 1(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.75		24.8	0
10	QPSK	1	25		23.68			
10	QPSK	1	49		23.59			
10	QPSK	25	0		22.67		23.8	1
10	QPSK	25	12		22.66			
10	QPSK	25	25		22.62			
10	QPSK	50	0		22.65			
10	16QAM	1	0		23.03		23.8	1
10	16QAM	1	25		23.08			
10	16QAM	1	49		23.06			
10	16QAM	25	0		21.64		22.8	2
10	16QAM	25	12		21.68			
10	16QAM	25	25		21.64			
10	16QAM	50	0		21.68			
10	64QAM	1	0		21.72		22.8	2
10	64QAM	1	25		21.93			
10	64QAM	1	49		21.82			
10	64QAM	25	0		20.63		21.8	3
10	64QAM	25	12		20.66			
10	64QAM	25	25		20.62			
10	64QAM	50	0		20.67			
10	256QAM	1	0		19.00		19.8	5
10	256QAM	1	25		19.09			
10	256QAM	1	49		19.07			
10	256QAM	25	0		18.99		19.8	5
10	256QAM	25	12		18.96			
10	256QAM	25	25		18.95			
10	256QAM	50	0		18.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.43	23.60	23.63	24.8	0
5	QPSK	1	12	23.54	23.73	23.74		
5	QPSK	1	24	23.64	23.57	23.61		
5	QPSK	12	0	22.49	22.61	22.55	23.8	1
5	QPSK	12	7	22.64	22.60	22.63		
5	QPSK	12	13	22.60	22.60	22.58		
5	QPSK	25	0	22.62	22.60	22.60		
5	16QAM	1	0	22.72	22.94	22.60	23.8	1
5	16QAM	1	12	23.04	23.01	23.17		
5	16QAM	1	24	22.97	22.77	22.66		
5	16QAM	12	0	21.64	21.71	21.68	22.8	2
5	16QAM	12	7	21.62	21.58	21.75		
5	16QAM	12	13	21.67	21.64	21.67		
5	16QAM	25	0	21.56	21.56	21.67		
5	64QAM	1	0	21.75	21.85	21.56	22.8	2
5	64QAM	1	12	21.61	22.06	22.45		
5	64QAM	1	24	21.86	22.44	21.84		
5	64QAM	12	0	20.46	20.70	20.55	21.8	3
5	64QAM	12	7	20.73	20.69	20.80		
5	64QAM	12	13	20.67	20.40	20.76		
5	64QAM	25	0	20.63	20.51	20.60		
5	256QAM	1	0	18.75	18.88	18.85	19.8	5
5	256QAM	1	12	18.80	18.95	18.95		
5	256QAM	1	24	18.77	18.93	18.93		
5	256QAM	12	0	18.73	18.83	18.87	19.8	5
5	256QAM	12	7	18.68	18.85	18.82		
5	256QAM	12	13	18.69	18.79	18.82		
5	256QAM	25	0	18.71	18.88	18.86		

Band 17_ANT 1(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.82	23.88	23.83	24.8	0
10	QPSK	1	25	23.81	23.81	23.82		
10	QPSK	1	49	23.77	23.76	23.77		
10	QPSK	25	0	22.85	22.89	22.88	23.8	1
10	QPSK	25	12	22.84	22.85	22.86		
10	QPSK	25	25	22.82	22.88	22.84		
10	QPSK	50	0	22.84	22.85	22.83		
10	16QAM	1	0	23.16	23.18	23.17	23.8	1
10	16QAM	1	25	23.21	23.19	23.25		
10	16QAM	1	49	23.24	23.27	23.24		
10	16QAM	25	0	21.88	21.88	21.86	22.8	2
10	16QAM	25	12	21.96	21.88	21.97		
10	16QAM	25	25	21.90	21.90	21.91		
10	16QAM	50	0	21.83	21.84	21.83		
10	64QAM	1	0	22.01	21.99	22.04	22.8	2
10	64QAM	1	25	22.09	22.10	22.03		
10	64QAM	1	49	22.03	21.99	21.99		
10	64QAM	25	0	20.85	20.85	20.87	21.8	3
10	64QAM	25	12	20.96	20.90	20.96		
10	64QAM	25	25	20.88	20.91	20.88		
10	64QAM	50	0	20.84	20.85	20.84		
10	256QAM	1	0	19.08	18.99	19.02	19.8	5
10	256QAM	1	25	19.04	19.09	19.06		
10	256QAM	1	49	19.01	19.03	19.02		
10	256QAM	25	0	19.03	19.04	19.00	19.8	5
10	256QAM	25	12	19.05	19.05	19.06		
10	256QAM	25	25	18.97	18.98	19.03		
10	256QAM	50	0	18.99	19.01	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.86	23.84	23.82	24.8	0
5	QPSK	1	12	23.86	23.86	23.85		
5	QPSK	1	24	23.81	23.68	23.69		
5	QPSK	12	0	22.77	22.83	22.75	23.8	1
5	QPSK	12	7	22.87	22.78	22.79		
5	QPSK	12	13	22.79	22.85	22.76		
5	QPSK	25	0	22.79	22.85	22.73		
5	16QAM	1	0	23.19	23.21	23.34	23.8	1
5	16QAM	1	12	22.60	23.22	23.07		
5	16QAM	1	24	22.71	23.20	23.10		
5	16QAM	12	0	21.93	21.99	21.94	22.8	2
5	16QAM	12	7	22.02	21.93	21.84		
5	16QAM	12	13	22.00	21.87	21.92		
5	16QAM	25	0	21.91	21.75	21.77		
5	64QAM	1	0	21.45	22.13	22.20	22.8	2
5	64QAM	1	12	21.74	21.68	22.30		
5	64QAM	1	24	22.05	22.13	22.03		
5	64QAM	12	0	20.85	20.75	20.88	21.8	3
5	64QAM	12	7	21.02	20.82	20.78		
5	64QAM	12	13	20.87	20.84	20.88		
5	64QAM	25	0	20.83	20.80	20.82		
5	256QAM	1	0	19.06	18.96	19.04	19.8	5
5	256QAM	1	12	19.05	19.05	19.02		
5	256QAM	1	24	18.97	19.05	18.99		
5	256QAM	12	0	19.00	19.06	18.99	19.8	5
5	256QAM	12	7	19.09	19.04	19.09		
5	256QAM	12	13	18.97	18.95	19.03		
5	256QAM	25	0	19.00	18.99	18.98		

Band 25_ANT 3(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.78	19.98	19.86	21.3	0
20	QPSK	1	49	19.76	19.80	19.78		
20	QPSK	1	99	19.81	19.82	19.85		
20	QPSK	50	0	19.84	19.85	19.83	21.3	0
20	QPSK	50	24	19.73	19.81	19.82		
20	QPSK	50	50	19.73	19.83	19.78		
20	QPSK	100	0	19.79	19.84	19.81		
20	16QAM	1	0	19.83	19.78	19.83	21.3	0
20	16QAM	1	49	19.85	19.74	19.84		
20	16QAM	1	99	19.80	19.78	19.81		
20	16QAM	50	0	19.82	19.81	19.86	21.3	0
20	16QAM	50	24	19.85	19.83	19.84		
20	16QAM	50	50	19.82	19.79	19.76		
20	16QAM	100	0	19.75	19.82	19.85		
20	64QAM	1	0	19.86	19.78	19.76	21.3	0
20	64QAM	1	49	19.74	19.83	19.78		
20	64QAM	1	99	19.85	19.82	19.81		
20	64QAM	50	0	19.76	19.75	19.79	21.3	0
20	64QAM	50	24	19.79	19.73	19.75		
20	64QAM	50	50	19.81	19.82	19.81		
20	64QAM	100	0	19.83	19.81	19.79		
20	256QAM	1	0	18.93	18.86	18.91	19.8	1.5
20	256QAM	1	49	18.93	18.83	18.92		
20	256QAM	1	99	18.87	18.93	18.92		
20	256QAM	50	0	18.90	18.88	18.81	19.8	1.5
20	256QAM	50	24	18.86	18.89	18.87		
20	256QAM	50	50	18.87	18.89	18.88		
20	256QAM	100	0	18.91	18.88	18.86		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.64	19.82	19.67	21.3	0
15	QPSK	1	37	19.63	19.68	19.66		
15	QPSK	1	74	19.75	19.75	19.72		
15	QPSK	36	0	19.79	19.76	19.70	21.3	0
15	QPSK	36	20	19.65	19.77	19.79		
15	QPSK	36	39	19.69	19.80	19.66		
15	QPSK	75	0	19.73	19.76	19.74		
15	16QAM	1	0	19.72	19.68	19.78	21.3	0
15	16QAM	1	37	19.72	19.68	19.80		
15	16QAM	1	74	19.77	19.66	19.76		
15	16QAM	36	0	19.72	19.76	19.81	21.3	0
15	16QAM	36	20	19.81	19.70	19.75		
15	16QAM	36	39	19.77	19.68	19.66		
15	16QAM	75	0	19.66	19.71	19.76		
15	64QAM	1	0	19.76	19.73	19.64	21.3	0
15	64QAM	1	37	19.69	19.73	19.68		
15	64QAM	1	74	19.78	19.75	19.72		
15	64QAM	36	0	19.70	19.65	19.75	21.3	0
15	64QAM	36	20	19.73	19.63	19.66		
15	64QAM	36	39	19.73	19.79	19.72		
15	64QAM	75	0	19.72	19.77	19.69		
15	256QAM	1	0	18.87	18.76	18.85	19.8	1.5
15	256QAM	1	37	18.87	18.79	18.88		
15	256QAM	1	74	18.76	18.80	18.80		
15	256QAM	36	0	18.79	18.82	18.75	19.8	1.5
15	256QAM	36	20	18.82	18.85	18.81		
15	256QAM	36	39	18.82	18.84	18.83		
15	256QAM	75	0	18.79	18.82	18.77		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.62	19.84	19.65	21.3	0
10	QPSK	1	25	19.67	19.73	19.72		
10	QPSK	1	49	19.70	19.70	19.82		
10	QPSK	25	0	19.73	19.74	19.71	21.3	0
10	QPSK	25	12	19.66	19.72	19.79		
10	QPSK	25	25	19.62	19.70	19.74		
10	QPSK	50	0	19.73	19.71	19.76		
10	16QAM	1	0	19.73	19.71	19.79	21.3	0
10	16QAM	1	25	19.73	19.67	19.77		
10	16QAM	1	49	19.67	19.72	19.69		
10	16QAM	25	0	19.76	19.68	19.78	21.3	0
10	16QAM	25	12	19.77	19.70	19.80		
10	16QAM	25	25	19.76	19.72	19.70		
10	16QAM	50	0	19.63	19.70	19.80		
10	64QAM	1	0	19.77	19.73	19.66	21.3	0
10	64QAM	1	25	19.62	19.77	19.65		
10	64QAM	1	49	19.80	19.79	19.68		
10	64QAM	25	0	19.71	19.62	19.70	21.3	0
10	64QAM	25	12	19.75	19.61	19.71		
10	64QAM	25	25	19.75	19.77	19.74		
10	64QAM	50	0	19.76	19.78	19.76		
10	256QAM	1	0	18.88	18.83	18.86	19.8	1.5
10	256QAM	1	25	18.88	18.70	18.89		
10	256QAM	1	49	18.84	18.84	18.84		
10	256QAM	25	0	18.79	18.78	18.69	19.8	1.5
10	256QAM	25	12	18.76	18.80	18.76		
10	256QAM	25	25	18.81	18.82	18.83		
10	256QAM	50	0	18.88	18.75	18.78		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.70	19.85	19.65	21.3	0
5	QPSK	1	12	19.68	19.68	19.68		
5	QPSK	1	24	19.71	19.78	19.79		
5	QPSK	12	0	19.72	19.76	19.71	21.3	0
5	QPSK	12	7	19.66	19.75	19.72		
5	QPSK	12	13	19.67	19.80	19.68		
5	QPSK	25	0	19.72	19.76	19.75		
5	16QAM	1	0	19.74	19.73	19.78	21.3	0
5	16QAM	1	12	19.76	19.71	19.79		
5	16QAM	1	24	19.73	19.71	19.68		
5	16QAM	12	0	19.76	19.75	19.76	21.3	0
5	16QAM	12	7	19.79	19.77	19.79		
5	16QAM	12	13	19.73	19.72	19.72		
5	16QAM	25	0	19.68	19.71	19.76		
5	64QAM	1	0	19.83	19.74	19.72	21.3	0
5	64QAM	1	12	19.63	19.77	19.72		
5	64QAM	1	24	19.77	19.71	19.72		
5	64QAM	12	0	19.71	19.70	19.68	21.3	0
5	64QAM	12	7	19.68	19.68	19.64		
5	64QAM	12	13	19.74	19.70	19.68		
5	64QAM	25	0	19.73	19.73	19.72		
5	256QAM	1	0	18.87	18.80	18.80	19.8	1.5
5	256QAM	1	12	18.89	18.73	18.82		
5	256QAM	1	24	18.78	18.82	18.82		
5	256QAM	12	0	18.85	18.81	18.76	19.8	1.5
5	256QAM	12	7	18.74	18.80	18.76		
5	256QAM	12	13	18.82	18.82	18.78		
5	256QAM	25	0	18.82	18.78	18.78		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.65	19.76	19.75	21.3	0
3	QPSK	1	8	19.70	19.71	19.74		
3	QPSK	1	14	19.77	19.74	19.77		
3	QPSK	8	0	19.80	19.74	19.70	21.3	0
3	QPSK	8	4	19.64	19.72	19.70		
3	QPSK	8	7	19.62	19.73	19.67		
3	QPSK	15	0	19.70	19.73	19.75		
3	16QAM	1	0	19.77	19.73	19.70	21.3	0
3	16QAM	1	8	19.73	19.67	19.80		
3	16QAM	1	14	19.69	19.66	19.69		
3	16QAM	8	0	19.79	19.76	19.79	21.3	0
3	16QAM	8	4	19.77	19.71	19.72		
3	16QAM	8	7	19.69	19.73	19.66		
3	16QAM	15	0	19.69	19.73	19.79		
3	64QAM	1	0	19.78	19.73	19.69	21.3	0
3	64QAM	1	8	19.67	19.75	19.67		
3	64QAM	1	14	19.74	19.71	19.68		
3	64QAM	8	0	19.63	19.64	19.70	21.3	0
3	64QAM	8	4	19.72	19.66	19.67		
3	64QAM	8	7	19.77	19.79	19.74		
3	64QAM	15	0	19.80	19.74	19.67		
3	256QAM	1	0	18.82	18.77	18.81	19.8	1.5
3	256QAM	1	8	18.88	18.80	18.84		
3	256QAM	1	14	18.80	18.82	18.79		
3	256QAM	8	0	18.86	18.83	18.78	19.8	1.5
3	256QAM	8	4	18.80	18.81	18.84		
3	256QAM	8	7	18.78	18.81	18.85		
3	256QAM	15	0	18.85	18.76	18.82		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.72	19.79	19.74	21.3	0
1.4	QPSK	1	3	19.66	19.67	19.65		
1.4	QPSK	1	5	19.69	19.72	19.81		
1.4	QPSK	3	0	19.72	19.78	19.68		
1.4	QPSK	3	1	19.64	19.76	19.73		
1.4	QPSK	3	3	19.60	19.73	19.69		
1.4	QPSK	6	0	19.76	19.76	19.78	21.3	0
1.4	16QAM	1	0	19.78	19.74	19.76	21.3	0
1.4	16QAM	1	3	19.76	19.64	19.76		
1.4	16QAM	1	5	19.71	19.72	19.78		
1.4	16QAM	3	0	19.77	19.78	19.82		
1.4	16QAM	3	1	19.73	19.75	19.72		
1.4	16QAM	3	3	19.69	19.67	19.66		
1.4	16QAM	6	0	19.70	19.77	19.78	21.3	0
1.4	64QAM	1	0	19.78	19.69	19.72	21.3	0
1.4	64QAM	1	3	19.63	19.74	19.66		
1.4	64QAM	1	5	19.73	19.70	19.73		
1.4	64QAM	3	0	19.71	19.71	19.74		
1.4	64QAM	3	1	19.68	19.63	19.72		
1.4	64QAM	3	3	19.73	19.71	19.68		
1.4	64QAM	6	0	19.75	19.72	19.75	21.3	0
1.4	256QAM	1	0	18.86	18.81	18.81	19.8	1.5
1.4	256QAM	1	3	18.82	18.74	18.84		
1.4	256QAM	1	5	18.74	18.84	18.80		
1.4	256QAM	3	0	18.85	18.78	18.69		
1.4	256QAM	3	1	18.81	18.83	18.76		
1.4	256QAM	3	3	18.84	18.77	18.77		
1.4	256QAM	6	0	18.80	18.85	18.79	19.8	1.5

Band 26 for FCC_ANT 1(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.65	23.85	23.62	24.8	0
15	QPSK	1	37	23.63	23.66	23.61		
15	QPSK	1	74	23.60	23.59	23.52		
15	QPSK	36	0	22.73	22.74	22.71	23.8	1
15	QPSK	36	20	22.71	22.71	22.61		
15	QPSK	36	39	22.72	22.70	22.70		
15	QPSK	75	0	22.70	22.72	22.71		
15	16QAM	1	0	22.90	22.93	22.96	23.8	1
15	16QAM	1	37	22.94	22.95	22.91		
15	16QAM	1	74	22.85	23.02	22.85		
15	16QAM	36	0	21.73	21.72	21.68	22.8	2
15	16QAM	36	20	21.79	21.80	21.66		
15	16QAM	36	39	21.77	21.77	21.72		
15	16QAM	75	0	21.78	21.79	21.75		
15	64QAM	1	0	21.86	21.86	21.79	22.8	2
15	64QAM	1	37	21.97	21.89	21.80		
15	64QAM	1	74	21.92	21.81	21.87		
15	64QAM	36	0	20.70	20.71	20.68	21.8	3
15	64QAM	36	20	20.79	20.76	20.71		
15	64QAM	36	39	20.77	20.75	20.73		
15	64QAM	75	0	20.77	20.80	20.71		
15	256QAM	1	0	19.03	19.04	19.06	19.8	5
15	256QAM	1	37	19.12	19.09	19.06		
15	256QAM	1	74	19.00	19.02	19.01		
15	256QAM	36	0	18.95	18.94	18.98	19.8	5
15	256QAM	36	20	18.96	18.97	19.00		
15	256QAM	36	39	18.97	18.99	19.01		
15	256QAM	75	0	19.02	19.02	18.98		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.72	23.58	23.71	24.8	0
10	QPSK	1	25	23.65	23.69	23.73		
10	QPSK	1	49	23.57	23.66	23.53		
10	QPSK	25	0	22.80	22.67	22.72	23.8	1
10	QPSK	25	12	22.89	22.61	22.70		
10	QPSK	25	25	22.79	22.78	22.78		
10	QPSK	50	0	22.82	22.78	22.82		
10	16QAM	1	0	23.23	22.67	23.15	23.8	1
10	16QAM	1	25	23.40	23.33	23.38		
10	16QAM	1	49	23.30	22.74	22.81		
10	16QAM	25	0	21.76	21.71	21.80	22.8	2
10	16QAM	25	12	21.81	21.72	21.77		
10	16QAM	25	25	21.86	21.79	21.93		
10	16QAM	50	0	21.78	21.77	21.70		
10	64QAM	1	0	22.03	22.17	22.04	22.8	2
10	64QAM	1	25	21.86	21.77	21.72		
10	64QAM	1	49	21.86	21.78	21.75		
10	64QAM	25	0	20.87	20.69	20.77	21.8	3
10	64QAM	25	12	20.91	20.78	20.74		
10	64QAM	25	25	20.75	20.70	20.74		
10	64QAM	50	0	20.91	20.74	20.88		
10	256QAM	1	0	19.00	19.10	19.04	19.8	5
10	256QAM	1	25	19.14	19.08	19.09		
10	256QAM	1	49	18.98	19.01	18.98		
10	256QAM	25	0	18.97	18.98	18.93	19.8	5
10	256QAM	25	12	18.93	18.99	19.00		
10	256QAM	25	25	18.98	19.00	19.02		
10	256QAM	50	0	19.02	19.00	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.71	23.70	23.74	24.8	0
5	QPSK	1	12	23.69	23.74	23.63		
5	QPSK	1	24	23.73	23.64	23.61		
5	QPSK	12	0	22.75	22.66	22.74	23.8	1
5	QPSK	12	7	22.82	22.65	22.77		
5	QPSK	12	13	22.84	22.79	22.77		
5	QPSK	25	0	22.80	22.75	22.73		
5	16QAM	1	0	23.07	23.29	23.10	23.8	1
5	16QAM	1	12	23.13	23.07	23.23		
5	16QAM	1	24	23.08	22.82	23.05		
5	16QAM	12	0	21.86	21.73	21.81	22.8	2
5	16QAM	12	7	21.79	21.70	21.75		
5	16QAM	12	13	21.86	21.89	21.80		
5	16QAM	25	0	21.81	21.78	21.68		
5	64QAM	1	0	21.88	21.87	21.82	22.8	2
5	64QAM	1	12	21.50	22.15	21.82		
5	64QAM	1	24	21.65	21.88	21.81		
5	64QAM	12	0	20.81	20.73	20.89	21.8	3
5	64QAM	12	7	20.94	20.77	20.85		
5	64QAM	12	13	20.87	20.75	20.82		
5	64QAM	25	0	20.78	20.74	20.81		
5	256QAM	1	0	19.02	19.08	19.00	19.8	5
5	256QAM	1	12	19.15	19.06	19.10		
5	256QAM	1	24	19.00	19.03	19.04		
5	256QAM	12	0	18.95	19.01	18.97	19.8	5
5	256QAM	12	7	18.98	18.98	18.97		
5	256QAM	12	13	18.96	19.01	18.98		
5	256QAM	25	0	19.02	18.96	19.04		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.70	23.72	23.58	24.8	0
3	QPSK	1	8	23.72	23.71	23.72		
3	QPSK	1	14	23.57	23.63	23.69		
3	QPSK	8	0	22.85	22.66	22.76	23.8	1
3	QPSK	8	4	22.82	22.76	22.84		
3	QPSK	8	7	22.76	22.73	22.77		
3	QPSK	15	0	22.74	22.80	22.78		
3	16QAM	1	0	22.98	23.14	23.15	23.8	1
3	16QAM	1	8	23.23	23.21	22.43		
3	16QAM	1	14	23.01	23.17	23.24		
3	16QAM	8	0	21.87	21.69	21.83	22.8	2
3	16QAM	8	4	21.94	21.85	21.88		
3	16QAM	8	7	21.81	21.88	21.93		
3	16QAM	15	0	21.82	21.83	21.82		
3	64QAM	1	0	21.93	22.04	21.64	22.8	2
3	64QAM	1	8	22.11	22.30	21.88		
3	64QAM	1	14	22.10	21.97	22.01		
3	64QAM	8	0	20.84	20.76	20.82	21.8	3
3	64QAM	8	4	20.88	20.71	20.85		
3	64QAM	8	7	20.98	20.75	20.82		
3	64QAM	15	0	20.80	20.71	20.82		
3	256QAM	1	0	19.02	19.07	19.04	19.8	5
3	256QAM	1	8	19.10	19.10	19.07		
3	256QAM	1	14	18.98	19.02	19.02		
3	256QAM	8	0	18.97	19.00	18.96	19.8	5
3	256QAM	8	4	18.95	19.04	18.96		
3	256QAM	8	7	19.00	18.98	19.02		
3	256QAM	15	0	19.00	18.98	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.67	23.46	23.59	24.8	0
1.4	QPSK	1	3	23.72	23.70	23.74		
1.4	QPSK	1	5	23.67	23.60	23.74		
1.4	QPSK	3	0	23.73	23.69	23.74		
1.4	QPSK	3	1	23.74	23.56	23.73		
1.4	QPSK	3	3	23.68	23.70	23.72		
1.4	QPSK	6	0	22.83	22.65	22.78	23.8	1
1.4	16QAM	1	0	23.05	22.98	23.11	23.8	1
1.4	16QAM	1	3	23.20	23.08	23.35		
1.4	16QAM	1	5	23.29	22.82	23.12		
1.4	16QAM	3	0	22.91	22.69	22.96		
1.4	16QAM	3	1	22.81	22.64	22.88		
1.4	16QAM	3	3	22.88	22.66	22.78		
1.4	16QAM	6	0	21.96	21.66	21.83	22.8	2
1.4	64QAM	1	0	22.03	22.02	22.01	22.8	2
1.4	64QAM	1	3	22.12	22.07	21.92		
1.4	64QAM	1	5	21.73	21.50	22.07		
1.4	64QAM	3	0	21.99	21.61	22.14		
1.4	64QAM	3	1	21.76	21.87	21.85		
1.4	64QAM	3	3	21.77	22.10	21.98		
1.4	64QAM	6	0	20.80	20.79	20.90	21.8	3
1.4	256QAM	1	0	19.02	19.10	19.02	19.8	5
1.4	256QAM	1	3	19.15	19.10	19.05		
1.4	256QAM	1	5	19.01	18.98	18.98		
1.4	256QAM	3	0	18.98	19.00	18.96		
1.4	256QAM	3	1	18.95	19.01	18.99		
1.4	256QAM	3	3	18.93	18.98	19.00		
1.4	256QAM	6	0	19.02	18.96	19.01	19.8	5

Band 30_ANT 3(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.41		22.8	0
10	QPSK	1	25		21.39			
10	QPSK	1	49		21.39			
10	QPSK	25	0		21.32		22.8	0
10	QPSK	25	12		21.28			
10	QPSK	25	25		21.25			
10	QPSK	50	0		21.15			
10	16QAM	1	0		21.16		22.8	0
10	16QAM	1	25		21.16			
10	16QAM	1	49		21.10			
10	16QAM	25	0		21.12		22.8	0
10	16QAM	25	12		21.21			
10	16QAM	25	25		21.10			
10	16QAM	50	0		21.21			
10	64QAM	1	0		21.19		22.8	0
10	64QAM	1	25		21.12			
10	64QAM	1	49		21.12			
10	64QAM	25	0		20.44		21.8	1
10	64QAM	25	12		20.49			
10	64QAM	25	25		20.43			
10	64QAM	50	0		20.47			
10	256QAM	1	0		18.95		19.8	3
10	256QAM	1	25		18.95			
10	256QAM	1	49		19.00			
10	256QAM	25	0		18.94		19.8	3
10	256QAM	25	12		18.98			
10	256QAM	25	25		18.95			
10	256QAM	50	0		18.98			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.29	21.32	21.34	22.8	0
5	QPSK	1	12	21.31	21.35	21.31		
5	QPSK	1	24	21.31	21.33	21.27		
5	QPSK	12	0	21.27	21.27	21.26	22.8	0
5	QPSK	12	7	21.18	21.23	21.15		
5	QPSK	12	13	21.14	21.21	21.22		
5	QPSK	25	0	21.10	21.07	21.08		
5	16QAM	1	0	21.03	21.05	21.04	22.8	0
5	16QAM	1	12	21.07	21.05	21.03		
5	16QAM	1	24	21.02	21.04	21.07		
5	16QAM	12	0	21.07	21.06	21.02	22.8	0
5	16QAM	12	7	21.15	21.16	21.15		
5	16QAM	12	13	21.04	21.06	21.03		
5	16QAM	25	0	21.13	21.14	21.08		
5	64QAM	1	0	21.08	21.16	21.08	22.8	0
5	64QAM	1	12	20.99	20.99	21.06		
5	64QAM	1	24	21.01	21.01	21.05		
5	64QAM	12	0	20.36	20.40	20.37	21.8	1
5	64QAM	12	7	20.39	20.38	20.40		
5	64QAM	12	13	20.37	20.40	20.36		
5	64QAM	25	0	20.41	20.41	20.35		
5	256QAM	1	0	18.92	18.87	18.88	19.8	3
5	256QAM	1	12	18.91	18.82	18.89		
5	256QAM	1	24	18.90	18.94	18.90		
5	256QAM	12	0	18.85	18.90	18.87	19.8	3
5	256QAM	12	7	18.85	18.87	18.91		
5	256QAM	12	13	18.90	18.82	18.82		
5	256QAM	25	0	18.88	18.95	18.91		

Band 66_ANT 1(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.85	20.87	20.84	21.8	0
20	QPSK	1	49	20.80	20.74	20.77		
20	QPSK	1	99	20.72	20.83	20.73		
20	QPSK	50	0	20.79	20.85	20.83	21.8	0
20	QPSK	50	24	20.76	20.81	20.72		
20	QPSK	50	50	20.78	20.75	20.82		
20	QPSK	100	0	20.82	20.84	20.77		
20	16QAM	1	0	20.75	20.76	20.73	21.8	0
20	16QAM	1	49	20.80	20.73	20.77		
20	16QAM	1	99	20.81	20.78	20.72		
20	16QAM	50	0	20.83	20.84	20.76	21.8	0
20	16QAM	50	24	20.81	20.74	20.73		
20	16QAM	50	50	20.76	20.81	20.80		
20	16QAM	100	0	20.74	20.83	20.74		
20	64QAM	1	0	20.74	20.72	20.74	21.8	0
20	64QAM	1	49	20.83	20.84	20.81		
20	64QAM	1	99	20.85	20.80	20.79		
20	64QAM	50	0	20.05	20.08	20.08	20.8	1
20	64QAM	50	24	20.06	20.08	20.08		
20	64QAM	50	50	20.10	20.06	20.09		
20	64QAM	100	0	20.11	20.10	20.04		
20	256QAM	1	0	18.42	18.41	18.42	19.8	2
20	256QAM	1	49	18.43	18.41	18.44		
20	256QAM	1	99	18.46	18.42	18.42		
20	256QAM	50	0	18.11	18.20	18.14	19.8	2
20	256QAM	50	24	18.10	18.10	18.20		
20	256QAM	50	50	18.09	18.10	18.13		
20	256QAM	100	0	18.17	18.19	18.20		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.71	20.86	20.71	21.8	0
15	QPSK	1	37	20.75	20.70	20.66		
15	QPSK	1	74	20.65	20.80	20.60		
15	QPSK	36	0	20.76	20.75	20.78	21.8	0
15	QPSK	36	20	20.70	20.74	20.66		
15	QPSK	36	39	20.65	20.66	20.73		
15	QPSK	75	0	20.72	20.74	20.66		
15	16QAM	1	0	20.69	20.73	20.64	21.8	0
15	16QAM	1	37	20.69	20.65	20.66		
15	16QAM	1	74	20.69	20.66	20.64		
15	16QAM	36	0	20.75	20.78	20.67	21.8	0
15	16QAM	36	20	20.74	20.64	20.66		
15	16QAM	36	39	20.68	20.71	20.76		
15	16QAM	75	0	20.69	20.71	20.70		
15	64QAM	1	0	20.70	20.62	20.70	21.8	0
15	64QAM	1	37	20.79	20.75	20.68		
15	64QAM	1	74	20.74	20.72	20.72		
15	64QAM	36	0	19.97	19.97	20.02	20.8	1
15	64QAM	36	20	20.03	19.95	19.96		
15	64QAM	36	39	20.00	20.00	19.99		
15	64QAM	75	0	20.04	19.98	19.93		
15	256QAM	1	0	18.35	18.34	18.31	19.8	2
15	256QAM	1	37	18.39	18.35	18.39		
15	256QAM	1	74	18.39	18.32	18.33		
15	256QAM	36	0	18.01	18.10	18.10	19.8	2
15	256QAM	36	20	17.98	18.07	18.12		
15	256QAM	36	39	18.05	18.05	18.04		
15	256QAM	75	0	18.06	18.10	18.11		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.70	20.82	20.66	21.8	0
10	QPSK	1	25	20.74	20.63	20.71		
10	QPSK	1	49	20.64	20.79	20.63		
10	QPSK	25	0	20.66	20.81	20.74	21.8	0
10	QPSK	25	12	20.67	20.70	20.61		
10	QPSK	25	25	20.71	20.68	20.72		
10	QPSK	50	0	20.75	20.74	20.73		
10	16QAM	1	0	20.66	20.67	20.63	21.8	0
10	16QAM	1	25	20.70	20.60	20.73		
10	16QAM	1	49	20.77	20.70	20.63		
10	16QAM	25	0	20.77	20.71	20.69	21.8	0
10	16QAM	25	12	20.72	20.65	20.69		
10	16QAM	25	25	20.63	20.75	20.75		
10	16QAM	50	0	20.65	20.76	20.65		
10	64QAM	1	0	20.70	20.60	20.71	21.8	0
10	64QAM	1	25	20.79	20.73	20.77		
10	64QAM	1	49	20.76	20.73	20.67		
10	64QAM	25	0	20.02	20.00	19.98	20.8	1
10	64QAM	25	12	19.93	19.95	19.96		
10	64QAM	25	25	19.97	20.00	20.00		
10	64QAM	50	0	20.03	20.01	19.99		
10	256QAM	1	0	18.37	18.36	18.29	19.8	2
10	256QAM	1	25	18.35	18.29	18.34		
10	256QAM	1	49	18.42	18.31	18.39		
10	256QAM	25	0	18.05	18.16	18.04	19.8	2
10	256QAM	25	12	18.05	17.98	18.08		
10	256QAM	25	25	18.02	18.04	18.06		
10	256QAM	50	0	18.04	18.06	18.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.71	20.86	20.71	21.8	0
5	QPSK	1	12	20.68	20.70	20.71		
5	QPSK	1	24	20.61	20.79	20.63		
5	QPSK	12	0	20.72	20.76	20.71	21.8	0
5	QPSK	12	7	20.68	20.72	20.60		
5	QPSK	12	13	20.73	20.70	20.79		
5	QPSK	25	0	20.71	20.71	20.67		
5	16QAM	1	0	20.62	20.73	20.67	21.8	0
5	16QAM	1	12	20.71	20.66	20.64		
5	16QAM	1	24	20.75	20.68	20.61		
5	16QAM	12	0	20.75	20.76	20.63	21.8	0
5	16QAM	12	7	20.69	20.70	20.62		
5	16QAM	12	13	20.67	20.71	20.69		
5	16QAM	25	0	20.67	20.74	20.61		
5	64QAM	1	0	20.70	20.61	20.61	21.8	0
5	64QAM	1	12	20.75	20.76	20.76		
5	64QAM	1	24	20.72	20.77	20.71		
5	64QAM	12	0	20.01	19.96	19.97	20.8	1
5	64QAM	12	7	20.01	20.03	20.04		
5	64QAM	12	13	20.02	19.95	19.96		
5	64QAM	25	0	20.06	20.05	19.91		
5	256QAM	1	0	18.29	18.34	18.36	19.8	2
5	256QAM	1	12	18.40	18.33	18.33		
5	256QAM	1	24	18.39	18.30	18.33		
5	256QAM	12	0	17.98	18.07	18.01	19.8	2
5	256QAM	12	7	17.97	18.07	18.16		
5	256QAM	12	13	17.98	18.06	18.10		
5	256QAM	25	0	18.09	18.14	18.11		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.74	20.84	20.71	21.8	0
3	QPSK	1	8	20.71	20.63	20.71		
3	QPSK	1	14	20.62	20.78	20.70		
3	QPSK	8	0	20.76	20.72	20.71	21.8	0
3	QPSK	8	4	20.70	20.77	20.59		
3	QPSK	8	7	20.72	20.69	20.70		
3	QPSK	15	0	20.78	20.76	20.73		
3	16QAM	1	0	20.72	20.66	20.65	21.8	0
3	16QAM	1	8	20.76	20.61	20.73		
3	16QAM	1	14	20.71	20.66	20.65		
3	16QAM	8	0	20.77	20.76	20.66	21.8	0
3	16QAM	8	4	20.71	20.64	20.66		
3	16QAM	8	7	20.73	20.68	20.72		
3	16QAM	15	0	20.68	20.76	20.61		
3	64QAM	1	0	20.66	20.61	20.66	21.8	0
3	64QAM	1	8	20.71	20.74	20.75		
3	64QAM	1	14	20.76	20.73	20.67		
3	64QAM	8	0	19.93	19.99	19.99	20.8	1
3	64QAM	8	4	19.95	20.05	20.01		
3	64QAM	8	7	19.99	20.00	19.96		
3	64QAM	15	0	20.04	20.01	20.00		
3	256QAM	1	0	18.35	18.38	18.32	19.8	2
3	256QAM	1	8	18.32	18.30	18.37		
3	256QAM	1	14	18.33	18.34	18.38		
3	256QAM	8	0	18.05	18.11	18.11	19.8	2
3	256QAM	8	4	18.06	18.05	18.11		
3	256QAM	8	7	18.02	18.06	18.01		
3	256QAM	15	0	18.14	18.07	18.09		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.68	20.86	20.67	21.8	0
1.4	QPSK	1	3	20.75	20.61	20.67		
1.4	QPSK	1	5	20.65	20.79	20.67		
1.4	QPSK	3	0	20.66	20.82	20.72		
1.4	QPSK	3	1	20.64	20.71	20.63		
1.4	QPSK	3	3	20.75	20.68	20.75		
1.4	QPSK	6	0	20.74	20.76	20.70	21.8	0
1.4	16QAM	1	0	20.66	20.69	20.70	21.8	0
1.4	16QAM	1	3	20.74	20.70	20.68		
1.4	16QAM	1	5	20.76	20.75	20.69		
1.4	16QAM	3	0	20.77	20.76	20.69		
1.4	16QAM	3	1	20.71	20.67	20.62		
1.4	16QAM	3	3	20.66	20.78	20.76		
1.4	16QAM	6	0	20.61	20.75	20.65	21.8	0
1.4	64QAM	1	0	20.69	20.59	20.69	21.8	0
1.4	64QAM	1	3	20.71	20.76	20.76		
1.4	64QAM	1	5	20.76	20.77	20.70		
1.4	64QAM	3	0	20.69	20.74	20.75		
1.4	64QAM	3	1	20.81	20.83	20.73		
1.4	64QAM	3	3	20.70	20.82	20.81		
1.4	64QAM	6	0	20.07	20.01	19.98	20.8	1
1.4	256QAM	1	0	18.37	18.32	18.30	19.8	2
1.4	256QAM	1	3	18.40	18.33	18.32		
1.4	256QAM	1	5	18.37	18.30	18.30		
1.4	256QAM	3	0	18.34	18.36	18.40		
1.4	256QAM	3	1	18.39	18.37	18.41		
1.4	256QAM	3	3	18.41	18.42	18.35		
1.4	256QAM	6	0	18.10	18.10	18.14	19.8	2

Band 66_ANT 3(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.12	20.32	20.21	21.3	0
20	QPSK	1	49	20.00	20.08	20.00		
20	QPSK	1	99	20.03	20.10	20.05		
20	QPSK	50	0	20.12	20.31	20.08	21.3	0
20	QPSK	50	24	19.98	20.01	19.99		
20	QPSK	50	50	20.01	20.09	20.07		
20	QPSK	100	0	20.08	20.10	19.98		
20	16QAM	1	0	20.08	20.00	20.10	21.3	0
20	16QAM	1	49	20.05	20.05	19.98		
20	16QAM	1	99	20.09	20.10	20.03		
20	16QAM	50	0	20.06	20.02	20.01	21.3	0
20	16QAM	50	24	20.07	20.06	20.09		
20	16QAM	50	50	20.10	20.02	20.09		
20	16QAM	100	0	20.04	20.02	20.03		
20	64QAM	1	0	20.07	20.07	20.06	21.3	0
20	64QAM	1	49	20.05	19.97	20.03		
20	64QAM	1	99	20.06	19.98	20.01		
20	64QAM	50	0	20.09	20.10	20.07	21.3	0
20	64QAM	50	24	20.07	19.99	20.07		
20	64QAM	50	50	20.09	20.04	20.07		
20	64QAM	100	0	20.00	20.05	20.08		
20	256QAM	1	0	19.02	19.04	19.08	19.8	1.5
20	256QAM	1	49	19.07	19.03	19.13		
20	256QAM	1	99	19.05	19.06	19.03		
20	256QAM	50	0	19.01	19.03	19.04	19.8	1.5
20	256QAM	50	24	19.05	19.06	19.03		
20	256QAM	50	50	19.15	19.08	19.11		
20	256QAM	100	0	19.06	19.06	19.05		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.86	20.09	19.91	21.3	0
15	QPSK	1	37	19.96	19.99	19.96		
15	QPSK	1	74	19.99	20.02	20.02		
15	QPSK	36	0	19.92	20.02	20.02	21.3	0
15	QPSK	36	20	19.87	19.91	19.86		
15	QPSK	36	39	19.94	19.99	20.03		
15	QPSK	75	0	19.95	20.03	19.95		
15	16QAM	1	0	20.04	19.94	20.02	21.3	0
15	16QAM	1	37	19.92	20.00	19.91		
15	16QAM	1	74	20.06	20.02	19.95		
15	16QAM	36	0	20.03	19.95	19.90	21.3	0
15	16QAM	36	20	19.97	19.98	20.06		
15	16QAM	36	39	19.99	19.90	20.03		
15	16QAM	75	0	19.96	19.90	20.00		
15	64QAM	1	0	19.96	19.95	20.03	21.3	0
15	64QAM	1	37	19.97	19.84	19.91		
15	64QAM	1	74	20.02	19.90	19.91		
15	64QAM	36	0	20.02	20.07	20.02	21.3	0
15	64QAM	36	20	19.98	19.89	19.96		
15	64QAM	36	39	19.98	19.92	19.98		
15	64QAM	75	0	19.88	19.94	19.95		
15	256QAM	1	0	18.92	19.00	19.03	19.8	1.5
15	256QAM	1	37	19.02	18.98	19.04		
15	256QAM	1	74	18.92	18.99	19.00		
15	256QAM	36	0	18.97	18.93	18.91	19.8	1.5
15	256QAM	36	20	18.94	18.94	18.99		
15	256QAM	36	39	19.07	19.05	19.05		
15	256QAM	75	0	18.98	19.03	19.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.82	20.05	19.90	21.3	0
10	QPSK	1	25	19.96	20.01	19.92		
10	QPSK	1	49	19.92	19.99	19.93		
10	QPSK	25	0	19.93	20.03	19.96	21.3	0
10	QPSK	25	12	19.90	19.89	19.91		
10	QPSK	25	25	19.97	20.06	19.99		
10	QPSK	50	0	20.05	20.05	19.92		
10	16QAM	1	0	19.98	19.94	20.07	21.3	0
10	16QAM	1	25	19.96	20.01	19.95		
10	16QAM	1	49	20.02	20.01	19.98		
10	16QAM	25	0	19.96	19.92	19.96	21.3	0
10	16QAM	25	12	20.01	20.01	19.97		
10	16QAM	25	25	20.01	19.92	19.96		
10	16QAM	50	0	19.99	19.96	19.91		
10	64QAM	1	0	19.98	19.98	19.99	21.3	0
10	64QAM	1	25	19.92	19.84	19.92		
10	64QAM	1	49	19.96	19.89	19.95		
10	64QAM	25	0	19.97	20.02	19.98	21.3	0
10	64QAM	25	12	19.98	19.86	19.94		
10	64QAM	25	25	20.04	19.93	19.96		
10	64QAM	50	0	19.87	20.00	20.04		
10	256QAM	1	0	18.98	18.97	18.98	19.8	1.5
10	256QAM	1	25	18.97	18.98	19.08		
10	256QAM	1	49	19.01	18.93	19.00		
10	256QAM	25	0	18.92	18.99	18.92	19.8	1.5
10	256QAM	25	12	18.94	18.93	18.97		
10	256QAM	25	25	19.12	19.05	19.01		
10	256QAM	50	0	19.01	19.00	18.95		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.81	20.01	19.98	21.3	0
5	QPSK	1	12	19.89	19.95	19.95		
5	QPSK	1	24	19.95	20.02	19.97		
5	QPSK	12	0	19.91	20.06	20.00	21.3	0
5	QPSK	12	7	19.89	19.95	19.88		
5	QPSK	12	13	19.90	19.99	19.94		
5	QPSK	25	0	20.02	20.05	19.90		
5	16QAM	1	0	20.05	19.97	20.02	21.3	0
5	16QAM	1	12	20.02	19.98	19.92		
5	16QAM	1	24	20.01	19.97	19.91		
5	16QAM	12	0	19.95	19.92	19.96	21.3	0
5	16QAM	12	7	19.98	19.97	20.03		
5	16QAM	12	13	20.03	19.92	20.03		
5	16QAM	25	0	19.99	19.93	20.00		
5	64QAM	1	0	19.95	20.04	19.94	21.3	0
5	64QAM	1	12	19.92	19.93	19.96		
5	64QAM	1	24	19.98	19.94	19.96		
5	64QAM	12	0	19.97	20.06	20.00	21.3	0
5	64QAM	12	7	19.96	19.90	19.96		
5	64QAM	12	13	20.06	19.98	20.01		
5	64QAM	25	0	19.92	19.99	19.99		
5	256QAM	1	0	18.92	18.93	18.96	19.8	1.5
5	256QAM	1	12	18.95	18.92	19.05		
5	256QAM	1	24	18.95	18.98	18.91		
5	256QAM	12	0	18.90	18.96	18.93	19.8	1.5
5	256QAM	12	7	18.98	19.01	18.99		
5	256QAM	12	13	19.12	19.01	18.98		
5	256QAM	25	0	18.97	18.94	18.95		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.84	20.00	19.96	21.3	0
3	QPSK	1	8	19.88	20.03	19.92		
3	QPSK	1	14	19.94	20.07	19.93		
3	QPSK	8	0	19.94	20.02	19.96	21.3	0
3	QPSK	8	4	19.90	19.89	19.86		
3	QPSK	8	7	19.94	20.02	19.96		
3	QPSK	15	0	19.98	20.04	19.87		
3	16QAM	1	0	19.97	19.91	19.99	21.3	0
3	16QAM	1	8	19.92	19.96	19.85		
3	16QAM	1	14	20.04	19.98	20.00		
3	16QAM	8	0	19.95	19.89	19.89	21.3	0
3	16QAM	8	4	19.96	19.97	19.97		
3	16QAM	8	7	19.98	19.90	19.97		
3	16QAM	15	0	19.93	19.93	20.00		
3	64QAM	1	0	19.99	19.98	20.01	21.3	0
3	64QAM	1	8	19.92	19.85	19.95		
3	64QAM	1	14	19.94	19.89	19.92		
3	64QAM	8	0	19.98	19.97	19.97	21.3	0
3	64QAM	8	4	19.95	19.95	19.99		
3	64QAM	8	7	20.01	19.95	19.97		
3	64QAM	15	0	19.91	20.01	20.01		
3	256QAM	1	0	18.93	18.95	19.01	19.8	1.5
3	256QAM	1	8	18.95	18.96	19.04		
3	256QAM	1	14	18.97	19.01	18.95		
3	256QAM	8	0	18.93	18.95	18.96	19.8	1.5
3	256QAM	8	4	18.96	18.96	18.91		
3	256QAM	8	7	19.05	18.97	19.06		
3	256QAM	15	0	19.02	18.97	18.92		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.83	20.00	19.94	21.3	0
1.4	QPSK	1	3	19.94	19.99	19.92		
1.4	QPSK	1	5	19.95	20.05	19.93		
1.4	QPSK	3	0	19.93	20.04	19.94		
1.4	QPSK	3	1	19.85	19.88	19.91		
1.4	QPSK	3	3	19.94	20.02	19.95		
1.4	QPSK	6	0	20.04	20.00	19.92	21.3	0
1.4	16QAM	1	0	19.99	19.95	20.04	21.3	0
1.4	16QAM	1	3	19.99	19.93	19.93		
1.4	16QAM	1	5	19.99	20.03	19.96		
1.4	16QAM	3	0	20.03	19.93	19.91		
1.4	16QAM	3	1	19.96	19.99	20.00		
1.4	16QAM	3	3	20.01	19.98	20.01		
1.4	16QAM	6	0	19.95	19.90	19.94	21.3	0
1.4	64QAM	1	0	20.00	20.00	20.01	21.3	0
1.4	64QAM	1	3	19.95	19.90	19.93		
1.4	64QAM	1	5	19.94	19.85	19.93		
1.4	64QAM	3	0	20.02	19.99	20.04		
1.4	64QAM	3	1	20.03	19.88	19.98		
1.4	64QAM	3	3	19.97	20.01	19.96		
1.4	64QAM	6	0	19.89	19.99	19.98	21.3	0
1.4	256QAM	1	0	18.95	18.96	19.04	19.8	1.5
1.4	256QAM	1	3	19.04	18.90	19.05		
1.4	256QAM	1	5	18.98	18.93	18.90		
1.4	256QAM	3	0	18.88	18.98	19.00		
1.4	256QAM	3	1	18.95	18.93	18.92		
1.4	256QAM	3	3	19.12	19.03	19.04		
1.4	256QAM	6	0	19.02	18.98	18.92	19.8	1.5

Band 71_ANT 1(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.00	24.15	24.10	24.8	0
20	QPSK	1	49	23.98	23.99	24.09		
20	QPSK	1	99	23.96	23.98	23.89		
20	QPSK	50	0	23.08	23.10	23.07	23.8	1
20	QPSK	50	24	23.08	22.94	23.00		
20	QPSK	50	50	23.08	22.90	23.04		
20	QPSK	100	0	23.02	23.07	23.00		
20	16QAM	1	0	23.15	23.41	23.36	23.8	1
20	16QAM	1	49	23.25	23.47	23.38		
20	16QAM	1	99	23.20	23.14	23.01		
20	16QAM	50	0	21.95	22.10	22.11	22.8	2
20	16QAM	50	24	22.12	22.04	22.08		
20	16QAM	50	50	22.07	21.98	22.03		
20	16QAM	100	0	22.09	22.10	21.96		
20	64QAM	1	0	22.20	22.26	22.25	22.8	2
20	64QAM	1	49	22.15	22.22	22.10		
20	64QAM	1	99	22.09	22.19	22.17		
20	64QAM	50	0	20.97	21.14	21.04	21.8	3
20	64QAM	50	24	21.05	21.02	21.02		
20	64QAM	50	50	21.08	21.00	20.88		
20	64QAM	100	0	21.06	21.13	20.94		
20	256QAM	1	0	18.99	19.11	19.07	19.8	5
20	256QAM	1	49	19.10	19.20	19.18		
20	256QAM	1	99	19.26	19.21	19.17		
20	256QAM	50	0	19.02	19.12	19.06	19.8	5
20	256QAM	50	24	19.09	19.05	19.06		
20	256QAM	50	50	19.08	19.07	19.05		
20	256QAM	100	0	19.11	19.14	19.10		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.98	23.99	24.01	24.8	0
15	QPSK	1	37	24.08	24.10	23.96		
15	QPSK	1	74	24.01	24.00	24.08		
15	QPSK	36	0	23.06	23.09	23.05	23.8	1
15	QPSK	36	20	23.08	23.02	23.01		
15	QPSK	36	39	23.01	23.06	22.98		
15	QPSK	75	0	23.09	23.03	23.00		
15	16QAM	1	0	23.30	23.24	23.28	23.8	1
15	16QAM	1	37	23.14	23.22	23.16		
15	16QAM	1	74	23.13	23.11	23.07		
15	16QAM	36	0	22.06	22.07	22.10	22.8	2
15	16QAM	36	20	22.13	22.10	22.05		
15	16QAM	36	39	22.06	22.07	22.01		
15	16QAM	75	0	22.10	22.04	22.03		
15	64QAM	1	0	22.14	22.25	22.11	22.8	2
15	64QAM	1	37	22.16	22.22	22.15		
15	64QAM	1	74	22.08	22.17	22.09		
15	64QAM	36	0	21.01	21.05	21.07	21.8	3
15	64QAM	36	20	21.06	21.03	21.02		
15	64QAM	36	39	20.98	21.01	21.00		
15	64QAM	75	0	21.09	21.10	21.04		
15	256QAM	1	0	18.98	19.06	19.14	19.8	5
15	256QAM	1	37	19.11	19.16	19.20		
15	256QAM	1	74	19.25	19.21	19.19		
15	256QAM	36	0	19.00	19.07	19.08	19.8	5
15	256QAM	36	20	19.08	19.04	19.04		
15	256QAM	36	39	19.08	19.04	19.09		
15	256QAM	75	0	19.13	19.13	19.13		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	24.06	24.10	24.09	24.8	0
10	QPSK	1	25	24.11	24.10	24.11		
10	QPSK	1	49	24.13	24.11	24.03		
10	QPSK	25	0	23.11	23.13	23.07	23.8	1
10	QPSK	25	12	23.15	23.24	23.13		
10	QPSK	25	25	23.16	23.17	23.14		
10	QPSK	50	0	23.20	23.23	23.05		
10	16QAM	1	0	23.21	23.26	23.31	23.8	1
10	16QAM	1	25	23.33	23.34	23.31		
10	16QAM	1	49	23.25	23.18	23.11		
10	16QAM	25	0	22.20	22.16	22.15	22.8	2
10	16QAM	25	12	22.17	22.20	22.14		
10	16QAM	25	25	22.19	22.21	22.17		
10	16QAM	50	0	22.18	22.20	22.15		
10	64QAM	1	0	22.23	22.26	22.29	22.8	2
10	64QAM	1	25	22.32	22.33	22.25		
10	64QAM	1	49	22.28	22.22	22.24		
10	64QAM	25	0	21.19	21.17	21.13	21.8	3
10	64QAM	25	12	21.18	21.27	21.11		
10	64QAM	25	25	21.21	21.29	21.20		
10	64QAM	50	0	21.09	21.19	21.06		
10	256QAM	1	0	18.97	19.04	19.11	19.8	5
10	256QAM	1	25	19.10	19.22	19.16		
10	256QAM	1	49	19.28	19.20	19.19		
10	256QAM	25	0	19.05	19.07	19.10	19.8	5
10	256QAM	25	12	19.10	19.05	19.02		
10	256QAM	25	25	19.08	19.04	19.06		
10	256QAM	50	0	19.13	19.12	19.13		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.12	24.09	24.06	24.8	0
5	QPSK	1	12	24.07	24.10	24.08		
5	QPSK	1	24	24.11	24.07	24.05		
5	QPSK	12	0	23.10	23.11	23.08	23.8	1
5	QPSK	12	7	23.15	23.19	23.17		
5	QPSK	12	13	23.12	23.20	23.15		
5	QPSK	25	0	23.19	23.16	23.17		
5	16QAM	1	0	23.27	23.25	23.25	23.8	1
5	16QAM	1	12	23.33	23.27	23.26		
5	16QAM	1	24	23.26	23.29	23.14		
5	16QAM	12	0	22.13	22.18	22.11	22.8	2
5	16QAM	12	7	22.22	22.27	22.24		
5	16QAM	12	13	22.15	22.20	22.17		
5	16QAM	25	0	22.17	22.22	22.15		
5	64QAM	1	0	22.27	22.24	22.23	22.8	2
5	64QAM	1	12	22.20	22.32	22.28		
5	64QAM	1	24	22.18	22.19	22.18		
5	64QAM	12	0	21.17	21.13	21.14	21.8	3
5	64QAM	12	7	21.24	21.29	21.18		
5	64QAM	12	13	21.18	21.15	21.19		
5	64QAM	25	0	21.17	21.19	21.17		
5	256QAM	1	0	19.01	19.09	19.14	19.8	5
5	256QAM	1	12	19.13	19.21	19.17		
5	256QAM	1	24	19.22	19.20	19.24		
5	256QAM	12	0	18.99	19.08	19.12	19.8	5
5	256QAM	12	7	19.08	19.06	19.06		
5	256QAM	12	13	19.06	19.04	19.04		
5	256QAM	25	0	19.07	19.09	19.12		

Band 2_ANT 3(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.61	20.65	20.61	22	0
20	QPSK	1	49	20.59	20.52	20.60		
20	QPSK	1	99	20.54	20.63	20.58		
20	QPSK	50	0	20.60	20.63	20.56	22	0
20	QPSK	50	24	20.56	20.51	20.53		
20	QPSK	50	50	20.51	20.57	20.51		
20	QPSK	100	0	20.52	20.61	20.58		
20	16QAM	1	0	20.59	20.55	20.62	22	0
20	16QAM	1	49	20.60	20.58	20.62		
20	16QAM	1	99	20.50	20.54	20.53		
20	16QAM	50	0	20.57	20.51	20.57	22	0
20	16QAM	50	24	20.58	20.62	20.58		
20	16QAM	50	50	20.59	20.60	20.63		
20	16QAM	100	0	20.57	20.51	20.58		
20	64QAM	1	0	20.51	20.52	20.54	22	0
20	64QAM	1	49	20.51	20.50	20.59		
20	64QAM	1	99	20.50	20.59	20.61		
20	64QAM	50	0	20.57	20.54	20.50	21.8	0.2
20	64QAM	50	24	20.55	20.53	20.50		
20	64QAM	50	50	20.60	20.62	20.56		
20	64QAM	100	0	20.57	20.54	20.50		
20	256QAM	1	0	18.94	18.88	18.98	19.8	2.2
20	256QAM	1	49	19.01	18.88	18.97		
20	256QAM	1	99	19.02	18.97	18.98		
20	256QAM	50	0	18.81	18.83	18.81	19.8	2.2
20	256QAM	50	24	18.82	18.90	18.83		
20	256QAM	50	50	18.86	18.93	18.87		
20	256QAM	100	0	18.89	18.92	18.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.55	20.55	20.55	22	0
15	QPSK	1	37	20.46	20.47	20.53		
15	QPSK	1	74	20.46	20.58	20.48		
15	QPSK	36	0	20.57	20.50	20.51	22	0
15	QPSK	36	20	20.54	20.38	20.49		
15	QPSK	36	39	20.47	20.50	20.46		
15	QPSK	75	0	20.45	20.55	20.55		
15	16QAM	1	0	20.54	20.45	20.59	22	0
15	16QAM	1	37	20.57	20.50	20.49		
15	16QAM	1	74	20.45	20.43	20.48		
15	16QAM	36	0	20.48	20.46	20.44	22	0
15	16QAM	36	20	20.49	20.51	20.51		
15	16QAM	36	39	20.56	20.54	20.52		
15	16QAM	75	0	20.49	20.43	20.49		
15	64QAM	1	0	20.46	20.41	20.43	22	0
15	64QAM	1	37	20.43	20.42	20.56		
15	64QAM	1	74	20.43	20.46	20.57		
15	64QAM	36	0	20.45	20.44	20.40	21.8	0.2
15	64QAM	36	20	20.49	20.46	20.42		
15	64QAM	36	39	20.51	20.54	20.48		
15	64QAM	75	0	20.54	20.42	20.38		
15	256QAM	1	0	18.86	18.76	18.90	19.8	2.2
15	256QAM	1	37	18.90	18.81	18.93		
15	256QAM	1	74	18.96	18.86	18.89		
15	256QAM	36	0	18.72	18.75	18.70	19.8	2.2
15	256QAM	36	20	18.71	18.81	18.79		
15	256QAM	36	39	18.82	18.87	18.84		
15	256QAM	75	0	18.77	18.82	18.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.50	20.57	20.48	22	0
10	QPSK	1	25	20.55	20.45	20.57		
10	QPSK	1	49	20.42	20.59	20.51		
10	QPSK	25	0	20.57	20.59	20.43	22	0
10	QPSK	25	12	20.56	20.48	20.40		
10	QPSK	25	25	20.42	20.53	20.45		
10	QPSK	50	0	20.42	20.57	20.45		
10	16QAM	1	0	20.51	20.47	20.59	22	0
10	16QAM	1	25	20.56	20.51	20.54		
10	16QAM	1	49	20.40	20.46	20.48		
10	16QAM	25	0	20.50	20.47	20.52	22	0
10	16QAM	25	12	20.45	20.50	20.50		
10	16QAM	25	25	20.52	20.55	20.60		
10	16QAM	50	0	20.54	20.44	20.48		
10	64QAM	1	0	20.45	20.41	20.42	22	0
10	64QAM	1	25	20.41	20.42	20.46		
10	64QAM	1	49	20.44	20.48	20.56		
10	64QAM	25	0	20.54	20.45	20.37	21.8	0.2
10	64QAM	25	12	20.42	20.41	20.42		
10	64QAM	25	25	20.49	20.57	20.51		
10	64QAM	50	0	20.45	20.50	20.38		
10	256QAM	1	0	18.81	18.80	18.94	19.8	2.2
10	256QAM	1	25	18.90	18.76	18.93		
10	256QAM	1	49	18.98	18.87	18.89		
10	256QAM	25	0	18.71	18.80	18.75	19.8	2.2
10	256QAM	25	12	18.78	18.79	18.79		
10	256QAM	25	25	18.79	18.86	18.79		
10	256QAM	50	0	18.77	18.87	18.83		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.52	20.53	20.58	22	0
5	QPSK	1	12	20.50	20.40	20.47		
5	QPSK	1	24	20.46	20.60	20.53		
5	QPSK	12	0	20.48	20.50	20.43	22	0
5	QPSK	12	7	20.47	20.40	20.50		
5	QPSK	12	13	20.43	20.49	20.40		
5	QPSK	25	0	20.39	20.52	20.55		
5	16QAM	1	0	20.53	20.52	20.54	22	0
5	16QAM	1	12	20.48	20.47	20.56		
5	16QAM	1	24	20.45	20.47	20.48		
5	16QAM	12	0	20.50	20.43	20.54	22	0
5	16QAM	12	7	20.50	20.53	20.51		
5	16QAM	12	13	20.48	20.52	20.55		
5	16QAM	25	0	20.51	20.45	20.54		
5	64QAM	1	0	20.40	20.40	20.47	22	0
5	64QAM	1	12	20.42	20.39	20.55		
5	64QAM	1	24	20.47	20.51	20.53		
5	64QAM	12	0	20.54	20.45	20.39	21.8	0.2
5	64QAM	12	7	20.52	20.43	20.42		
5	64QAM	12	13	20.47	20.56	20.47		
5	64QAM	25	0	20.52	20.42	20.40		
5	256QAM	1	0	18.86	18.84	18.94	19.8	2.2
5	256QAM	1	12	18.94	18.83	18.93		
5	256QAM	1	24	18.95	18.91	18.88		
5	256QAM	12	0	18.76	18.77	18.71	19.8	2.2
5	256QAM	12	7	18.79	18.83	18.80		
5	256QAM	12	13	18.80	18.81	18.81		
5	256QAM	25	0	18.83	18.85	18.86		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.46	20.53	20.49	22	0
3	QPSK	1	8	20.50	20.42	20.53		
3	QPSK	1	14	20.45	20.58	20.53		
3	QPSK	8	0	20.54	20.53	20.51	22	0
3	QPSK	8	4	20.50	20.43	20.50		
3	QPSK	8	7	20.44	20.48	20.48		
3	QPSK	15	0	20.45	20.48	20.50		
3	16QAM	1	0	20.50	20.49	20.52	22	0
3	16QAM	1	8	20.50	20.55	20.56		
3	16QAM	1	14	20.37	20.43	20.44		
3	16QAM	8	0	20.52	20.44	20.50	22	0
3	16QAM	8	4	20.54	20.54	20.48		
3	16QAM	8	7	20.49	20.54	20.58		
3	16QAM	15	0	20.44	20.44	20.54		
3	64QAM	1	0	20.46	20.39	20.46	22	0
3	64QAM	1	8	20.45	20.44	20.50		
3	64QAM	1	14	20.45	20.46	20.54		
3	64QAM	8	0	20.44	20.42	20.38	21.8	0.2
3	64QAM	8	4	20.51	20.44	20.43		
3	64QAM	8	7	20.50	20.58	20.44		
3	64QAM	15	0	20.54	20.45	20.45		
3	256QAM	1	0	18.88	18.83	18.89	19.8	2.2
3	256QAM	1	8	18.93	18.85	18.87		
3	256QAM	1	14	18.89	18.91	18.93		
3	256QAM	8	0	18.75	18.75	18.76	19.8	2.2
3	256QAM	8	4	18.73	18.80	18.78		
3	256QAM	8	7	18.80	18.83	18.76		
3	256QAM	15	0	18.80	18.84	18.83		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.47	20.57	20.54	22	0
1.4	QPSK	1	3	20.49	20.42	20.50		
1.4	QPSK	1	5	20.49	20.54	20.55		
1.4	QPSK	3	0	20.47	20.54	20.51		
1.4	QPSK	3	1	20.51	20.46	20.50		
1.4	QPSK	3	3	20.42	20.48	20.46		
1.4	QPSK	6	0	20.42	20.51	20.52	22	0
1.4	16QAM	1	0	20.53	20.45	20.55	22	0
1.4	16QAM	1	3	20.52	20.51	20.50		
1.4	16QAM	1	5	20.37	20.44	20.43		
1.4	16QAM	3	0	20.44	20.48	20.49		
1.4	16QAM	3	1	20.50	20.55	20.52		
1.4	16QAM	3	3	20.46	20.54	20.56		
1.4	16QAM	6	0	20.49	20.48	20.55	22	0
1.4	64QAM	1	0	20.39	20.48	20.46	22	0
1.4	64QAM	1	3	20.38	20.47	20.56		
1.4	64QAM	1	5	20.47	20.50	20.55		
1.4	64QAM	3	0	20.50	20.44	20.43		
1.4	64QAM	3	1	20.51	20.45	20.42		
1.4	64QAM	3	3	20.54	20.56	20.53		
1.4	64QAM	6	0	20.53	20.46	20.46	21.8	0.2
1.4	256QAM	1	0	18.81	18.77	18.93	19.8	2.2
1.4	256QAM	1	3	18.93	18.81	18.91		
1.4	256QAM	1	5	18.91	18.87	18.95		
1.4	256QAM	3	0	18.72	18.77	18.68		
1.4	256QAM	3	1	18.74	18.87	18.79		
1.4	256QAM	3	3	18.76	18.89	18.76		
1.4	256QAM	6	0	18.85	18.79	18.82	19.8	2.2

Band 4_ANT 1(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.74	22.75	22.73	23.8	0
20	QPSK	1	49	22.73	22.69	22.68		
20	QPSK	1	99	22.70	22.68	22.71		
20	QPSK	50	0	22.10	22.14	22.11	22.8	1
20	QPSK	50	24	22.06	22.11	22.10		
20	QPSK	50	50	22.09	22.03	21.99		
20	QPSK	100	0	22.01	22.02	21.94		
20	16QAM	1	0	22.08	22.02	22.03	22.8	1
20	16QAM	1	49	22.22	22.21	22.27		
20	16QAM	1	99	22.16	22.12	22.17		
20	16QAM	50	0	21.03	21.04	21.03	21.8	2
20	16QAM	50	24	21.03	21.05	21.03		
20	16QAM	50	50	21.12	21.08	21.09		
20	16QAM	100	0	21.02	20.96	21.01		
20	64QAM	1	0	21.00	21.05	21.00	21.8	2
20	64QAM	1	49	21.13	21.19	21.17		
20	64QAM	1	99	21.12	21.15	21.19		
20	64QAM	50	0	19.92	19.98	20.02	20.8	3
20	64QAM	50	24	19.93	19.97	19.99		
20	64QAM	50	50	20.01	19.98	19.92		
20	64QAM	100	0	20.04	19.98	20.01		
20	256QAM	1	0	18.27	18.24	18.29	18.8	5
20	256QAM	1	49	18.30	18.33	18.38		
20	256QAM	1	99	18.23	18.24	18.25		
20	256QAM	50	0	18.11	18.11	18.08	18.8	5
20	256QAM	50	24	18.08	18.05	18.07		
20	256QAM	50	50	18.09	18.06	18.12		
20	256QAM	100	0	18.04	18.03	18.07		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.62	22.72	22.59	23.8	0
15	QPSK	1	37	22.63	22.56	22.60		
15	QPSK	1	74	22.66	22.61	22.64		
15	QPSK	36	0	21.98	22.09	21.91	22.8	1
15	QPSK	36	20	22.02	22.03	21.97		
15	QPSK	36	39	21.99	21.99	21.91		
15	QPSK	75	0	21.96	21.90	21.86		
15	16QAM	1	0	22.04	21.96	21.92	22.8	1
15	16QAM	1	37	22.17	22.17	22.16		
15	16QAM	1	74	22.13	22.06	22.04		
15	16QAM	36	0	20.97	20.94	20.91	21.8	2
15	16QAM	36	20	20.90	21.01	21.00		
15	16QAM	36	39	21.02	20.98	21.05		
15	16QAM	75	0	20.93	20.83	20.88		
15	64QAM	1	0	20.95	20.94	20.89	21.8	2
15	64QAM	1	37	21.07	21.09	21.13		
15	64QAM	1	74	21.08	21.09	21.15		
15	64QAM	36	0	19.85	19.87	19.91	20.8	3
15	64QAM	36	20	19.87	19.90	19.96		
15	64QAM	36	39	19.93	19.87	19.82		
15	64QAM	75	0	19.91	19.93	19.88		
15	256QAM	1	0	18.21	18.19	18.20	18.8	5
15	256QAM	1	37	18.22	18.22	18.25		
15	256QAM	1	74	18.14	18.14	18.15		
15	256QAM	36	0	18.01	18.03	17.96	18.8	5
15	256QAM	36	20	18.04	17.98	17.98		
15	256QAM	36	39	18.04	17.94	18.07		
15	256QAM	75	0	17.96	17.95	18.03		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.61	22.70	22.60	23.8	0
10	QPSK	1	25	22.68	22.66	22.56		
10	QPSK	1	49	22.68	22.63	22.68		
10	QPSK	25	0	21.90	22.05	21.94	22.8	1
10	QPSK	25	12	21.95	22.00	22.01		
10	QPSK	25	25	22.04	21.90	21.89		
10	QPSK	50	0	21.95	21.95	21.91		
10	16QAM	1	0	22.02	21.99	21.96	22.8	1
10	16QAM	1	25	22.12	22.08	22.20		
10	16QAM	1	49	22.06	22.08	22.14		
10	16QAM	25	0	20.99	20.94	20.92	21.8	2
10	16QAM	25	12	20.93	20.94	20.97		
10	16QAM	25	25	21.09	21.04	21.00		
10	16QAM	50	0	20.90	20.85	20.98		
10	64QAM	1	0	20.95	20.97	20.96	21.8	2
10	64QAM	1	25	21.03	21.09	21.09		
10	64QAM	1	49	21.05	21.06	21.16		
10	64QAM	25	0	19.84	19.92	19.94	20.8	3
10	64QAM	25	12	19.86	19.90	19.96		
10	64QAM	25	25	19.91	19.87	19.82		
10	64QAM	50	0	19.94	19.86	19.90		
10	256QAM	1	0	18.23	18.19	18.21	18.8	5
10	256QAM	1	25	18.27	18.28	18.34		
10	256QAM	1	49	18.20	18.11	18.19		
10	256QAM	25	0	18.07	18.07	18.02	18.8	5
10	256QAM	25	12	18.00	18.01	17.96		
10	256QAM	25	25	18.02	17.99	18.01		
10	256QAM	50	0	17.92	17.90	18.01		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.63	22.68	22.63	23.8	0
5	QPSK	1	12	22.66	22.59	22.60		
5	QPSK	1	24	22.61	22.63	22.62		
5	QPSK	12	0	21.95	22.08	21.97	22.8	1
5	QPSK	12	7	21.93	22.03	21.99		
5	QPSK	12	13	21.98	21.99	21.91		
5	QPSK	25	0	21.96	21.96	21.91		
5	16QAM	1	0	21.96	21.96	22.00	22.8	1
5	16QAM	1	12	22.14	22.14	22.21		
5	16QAM	1	24	22.03	22.08	22.05		
5	16QAM	12	0	21.00	20.92	20.90	21.8	2
5	16QAM	12	7	21.00	21.02	20.96		
5	16QAM	12	13	21.02	21.03	21.03		
5	16QAM	25	0	20.89	20.84	20.90		
5	64QAM	1	0	20.95	20.99	20.94	21.8	2
5	64QAM	1	12	21.05	21.08	21.07		
5	64QAM	1	24	21.04	21.10	21.07		
5	64QAM	12	0	19.82	19.87	19.91	20.8	3
5	64QAM	12	7	19.81	19.94	19.88		
5	64QAM	12	13	19.91	19.93	19.85		
5	64QAM	25	0	20.00	19.92	19.93		
5	256QAM	1	0	18.20	18.16	18.24	18.8	5
5	256QAM	1	12	18.24	18.29	18.26		
5	256QAM	1	24	18.19	18.14	18.16		
5	256QAM	12	0	18.02	18.06	17.99	18.8	5
5	256QAM	12	7	18.02	17.93	17.99		
5	256QAM	12	13	18.04	17.95	18.05		
5	256QAM	25	0	17.91	17.99	17.98		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.55	22.72	22.64	23.8	0
3	QPSK	1	8	22.66	22.58	22.65		
3	QPSK	1	14	22.61	22.62	22.62		
3	QPSK	8	0	21.98	22.03	21.96	22.8	1
3	QPSK	8	4	21.98	22.04	22.06		
3	QPSK	8	7	21.96	21.98	21.95		
3	QPSK	15	0	21.89	21.98	21.86		
3	16QAM	1	0	21.95	21.99	21.98	22.8	1
3	16QAM	1	8	22.13	22.12	22.21		
3	16QAM	1	14	22.04	22.05	22.10		
3	16QAM	8	0	20.95	20.91	20.98	21.8	2
3	16QAM	8	4	20.98	20.95	20.94		
3	16QAM	8	7	21.00	21.03	21.06		
3	16QAM	15	0	20.98	20.89	20.91		
3	64QAM	1	0	20.92	20.96	20.97	21.8	2
3	64QAM	1	8	21.05	21.12	21.13		
3	64QAM	1	14	21.01	21.07	21.07		
3	64QAM	8	0	19.86	19.94	19.92	20.8	3
3	64QAM	8	4	19.82	19.89	19.88		
3	64QAM	8	7	19.90	19.92	19.79		
3	64QAM	15	0	19.92	19.88	19.88		
3	256QAM	1	0	18.20	18.12	18.22	18.8	5
3	256QAM	1	8	18.20	18.24	18.32		
3	256QAM	1	14	18.10	18.16	18.15		
3	256QAM	8	0	18.01	18.00	18.04	18.8	5
3	256QAM	8	4	18.02	18.00	18.04		
3	256QAM	8	7	18.02	18.01	18.05		
3	256QAM	15	0	17.94	17.99	17.95		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.59	22.69	22.64	23.8	0
1.4	QPSK	1	3	22.69	22.56	22.64		
1.4	QPSK	1	5	22.70	22.63	22.61		
1.4	QPSK	3	0	22.62	22.60	22.66		
1.4	QPSK	3	1	22.66	22.66	22.57		
1.4	QPSK	3	3	22.62	22.61	22.71		
1.4	QPSK	6	0	21.88	21.96	21.89	22.8	1
1.4	16QAM	1	0	22.05	21.95	21.99	22.8	1
1.4	16QAM	1	3	22.15	22.11	22.21		
1.4	16QAM	1	5	22.03	22.04	22.09		
1.4	16QAM	3	0	22.06	22.04	22.18		
1.4	16QAM	3	1	22.18	22.15	22.15		
1.4	16QAM	3	3	22.17	22.13	22.10		
1.4	16QAM	6	0	20.99	20.93	20.90	21.8	2
1.4	64QAM	1	0	20.88	20.94	20.96	21.8	2
1.4	64QAM	1	3	21.00	21.15	21.05		
1.4	64QAM	1	5	21.04	21.07	21.15		
1.4	64QAM	3	0	21.06	21.00	20.98		
1.4	64QAM	3	1	21.03	20.99	21.01		
1.4	64QAM	3	3	21.05	20.99	21.09		
1.4	64QAM	6	0	19.93	19.93	19.98	20.8	3
1.4	256QAM	1	0	18.20	18.19	18.22	18.8	5
1.4	256QAM	1	3	18.18	18.25	18.30		
1.4	256QAM	1	5	18.19	18.21	18.21		
1.4	256QAM	3	0	18.22	18.19	18.18		
1.4	256QAM	3	1	18.26	18.26	18.29		
1.4	256QAM	3	3	18.32	18.24	18.31		
1.4	256QAM	6	0	17.97	17.94	18.00	18.8	5

Band 4_ANT 3(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.72	20.85	20.81	22	0
20	QPSK	1	49	20.70	20.70	20.79		
20	QPSK	1	99	20.69	20.71	20.76		
20	QPSK	50	0	20.71	20.84	20.78	22	0
20	QPSK	50	24	20.70	20.75	20.74		
20	QPSK	50	50	20.69	20.81	20.75		
20	QPSK	100	0	20.71	20.83	20.74		
20	16QAM	1	0	20.70	20.75	20.79	22	0
20	16QAM	1	49	20.60	20.77	20.81		
20	16QAM	1	99	20.73	20.70	20.70		
20	16QAM	50	0	20.72	20.82	20.80	22	0
20	16QAM	50	24	20.73	20.74	20.77		
20	16QAM	50	50	20.71	20.73	20.72		
20	16QAM	100	0	20.61	20.72	20.74		
20	64QAM	1	0	20.67	20.74	20.74	22	0
20	64QAM	1	49	20.66	20.75	20.74		
20	64QAM	1	99	20.67	20.70	20.81		
20	64QAM	50	0	20.63	20.82	20.80	21.8	0.2
20	64QAM	50	24	20.66	20.76	20.76		
20	64QAM	50	50	20.69	20.72	20.73		
20	64QAM	100	0	20.62	20.76	20.81		
20	256QAM	1	0	19.08	19.03	19.09	19.8	2.2
20	256QAM	1	49	18.99	19.02	19.08		
20	256QAM	1	99	19.13	19.10	19.05		
20	256QAM	50	0	18.97	18.96	19.04	19.8	2.2
20	256QAM	50	24	18.91	18.96	18.93		
20	256QAM	50	50	18.98	18.92	18.96		
20	256QAM	100	0	18.95	18.99	19.02		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.61	20.80	20.69	22	0
15	QPSK	1	37	20.59	20.65	20.73		
15	QPSK	1	74	20.60	20.65	20.72		
15	QPSK	36	0	20.59	20.75	20.65	22	0
15	QPSK	36	20	20.58	20.67	20.70		
15	QPSK	36	39	20.61	20.72	20.67		
15	QPSK	75	0	20.62	20.78	20.65		
15	16QAM	1	0	20.62	20.62	20.68	22	0
15	16QAM	1	37	20.50	20.65	20.78		
15	16QAM	1	74	20.64	20.58	20.61		
15	16QAM	36	0	20.63	20.72	20.74	22	0
15	16QAM	36	20	20.68	20.62	20.65		
15	16QAM	36	39	20.67	20.68	20.61		
15	16QAM	75	0	20.57	20.64	20.70		
15	64QAM	1	0	20.64	20.65	20.64	22	0
15	64QAM	1	37	20.62	20.62	20.65		
15	64QAM	1	74	20.63	20.57	20.76		
15	64QAM	36	0	20.52	20.74	20.68	21.8	0.2
15	64QAM	36	20	20.60	20.65	20.63		
15	64QAM	36	39	20.65	20.69	20.69		
15	64QAM	75	0	20.52	20.65	20.68		
15	256QAM	1	0	18.95	18.94	19.03	19.8	2.2
15	256QAM	1	37	18.89	18.90	18.99		
15	256QAM	1	74	19.06	18.97	19.01		
15	256QAM	36	0	18.88	18.93	19.01	19.8	2.2
15	256QAM	36	20	18.81	18.87	18.89		
15	256QAM	36	39	18.91	18.85	18.84		
15	256QAM	75	0	18.86	18.88	18.94		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.63	20.82	20.77	22	0
10	QPSK	1	25	20.61	20.65	20.73		
10	QPSK	1	49	20.62	20.59	20.64		
10	QPSK	25	0	20.60	20.79	20.59	22	0
10	QPSK	25	12	20.68	20.69	20.63		
10	QPSK	25	25	20.58	20.73	20.71		
10	QPSK	50	0	20.61	20.75	20.61		
10	16QAM	1	0	20.62	20.70	20.73	22	0
10	16QAM	1	25	20.54	20.68	20.73		
10	16QAM	1	49	20.61	20.61	20.63		
10	16QAM	25	0	20.64	20.69	20.67	22	0
10	16QAM	25	12	20.60	20.63	20.64		
10	16QAM	25	25	20.63	20.69	20.63		
10	16QAM	50	0	20.48	20.66	20.70		
10	64QAM	1	0	20.62	20.71	20.61	22	0
10	64QAM	1	25	20.59	20.67	20.70		
10	64QAM	1	49	20.62	20.67	20.78		
10	64QAM	25	0	20.56	20.69	20.76	21.8	0.2
10	64QAM	25	12	20.56	20.67	20.65		
10	64QAM	25	25	20.62	20.66	20.64		
10	64QAM	50	0	20.56	20.71	20.78		
10	256QAM	1	0	19.05	18.97	19.06	19.8	2.2
10	256QAM	1	25	18.88	18.96	19.01		
10	256QAM	1	49	19.09	18.97	19.02		
10	256QAM	25	0	18.92	18.89	19.00	19.8	2.2
10	256QAM	25	12	18.83	18.93	18.84		
10	256QAM	25	25	18.92	18.89	18.86		
10	256QAM	50	0	18.92	18.88	18.94		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.60	20.79	20.71	22	0
5	QPSK	1	12	20.67	20.63	20.66		
5	QPSK	1	24	20.60	20.60	20.72		
5	QPSK	12	0	20.62	20.72	20.63	22	0
5	QPSK	12	7	20.60	20.71	20.70		
5	QPSK	12	13	20.64	20.72	20.63		
5	QPSK	25	0	20.67	20.80	20.70		
5	16QAM	1	0	20.59	20.63	20.70	22	0
5	16QAM	1	12	20.50	20.68	20.69		
5	16QAM	1	24	20.68	20.59	20.59		
5	16QAM	12	0	20.61	20.73	20.74	22	0
5	16QAM	12	7	20.67	20.64	20.65		
5	16QAM	12	13	20.64	20.68	20.64		
5	16QAM	25	0	20.54	20.66	20.70		
5	64QAM	1	0	20.61	20.68	20.66	22	0
5	64QAM	1	12	20.54	20.70	20.67		
5	64QAM	1	24	20.62	20.62	20.77		
5	64QAM	12	0	20.55	20.79	20.77	21.8	0.2
5	64QAM	12	7	20.62	20.70	20.68		
5	64QAM	12	13	20.58	20.66	20.70		
5	64QAM	25	0	20.56	20.73	20.76		
5	256QAM	1	0	19.02	18.99	18.97	19.8	2.2
5	256QAM	1	12	18.86	18.94	19.02		
5	256QAM	1	24	19.01	18.98	18.96		
5	256QAM	12	0	18.86	18.87	18.99	19.8	2.2
5	256QAM	12	7	18.84	18.88	18.89		
5	256QAM	12	13	18.85	18.84	18.83		
5	256QAM	25	0	18.91	18.95	18.89		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.65	20.78	20.68	22	0
3	QPSK	1	8	20.65	20.57	20.68		
3	QPSK	1	14	20.65	20.59	20.68		
3	QPSK	8	0	20.56	20.72	20.63	22	0
3	QPSK	8	4	20.60	20.65	20.61		
3	QPSK	8	7	20.59	20.72	20.64		
3	QPSK	15	0	20.66	20.72	20.62		
3	16QAM	1	0	20.63	20.67	20.73	22	0
3	16QAM	1	8	20.55	20.68	20.73		
3	16QAM	1	14	20.63	20.65	20.58		
3	16QAM	8	0	20.63	20.72	20.71	22	0
3	16QAM	8	4	20.62	20.69	20.72		
3	16QAM	8	7	20.62	20.69	20.60		
3	16QAM	15	0	20.53	20.60	20.70		
3	64QAM	1	0	20.59	20.61	20.62	22	0
3	64QAM	1	8	20.57	20.70	20.63		
3	64QAM	1	14	20.54	20.67	20.69		
3	64QAM	8	0	20.57	20.76	20.76	21.8	0.2
3	64QAM	8	4	20.59	20.68	20.68		
3	64QAM	8	7	20.56	20.69	20.65		
3	64QAM	15	0	20.52	20.69	20.75		
3	256QAM	1	0	18.98	18.91	19.03	19.8	2.2
3	256QAM	1	8	18.87	18.98	19.00		
3	256QAM	1	14	19.05	19.01	18.93		
3	256QAM	8	0	18.90	18.92	18.99	19.8	2.2
3	256QAM	8	4	18.84	18.85	18.89		
3	256QAM	8	7	18.95	18.83	18.87		
3	256QAM	15	0	18.90	18.90	18.97		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.61	20.81	20.76	22	0
1.4	QPSK	1	3	20.67	20.59	20.69		
1.4	QPSK	1	5	20.57	20.62	20.63		
1.4	QPSK	3	0	20.61	20.80	20.66		
1.4	QPSK	3	1	20.63	20.62	20.62		
1.4	QPSK	3	3	20.62	20.71	20.68		
1.4	QPSK	6	0	20.62	20.76	20.61	22	0
1.4	16QAM	1	0	20.58	20.63	20.76	22	0
1.4	16QAM	1	3	20.56	20.66	20.72		
1.4	16QAM	1	5	20.63	20.60	20.60		
1.4	16QAM	3	0	20.61	20.78	20.77		
1.4	16QAM	3	1	20.62	20.69	20.69		
1.4	16QAM	3	3	20.63	20.63	20.61		
1.4	16QAM	6	0	20.58	20.63	20.64	22	0
1.4	64QAM	1	0	20.59	20.67	20.61	22	0
1.4	64QAM	1	3	20.57	20.71	20.69		
1.4	64QAM	1	5	20.55	20.63	20.70		
1.4	64QAM	3	0	20.55	20.69	20.75		
1.4	64QAM	3	1	20.63	20.66	20.72		
1.4	64QAM	3	3	20.58	20.66	20.65		
1.4	64QAM	6	0	20.57	20.63	20.73	21.8	0.2
1.4	256QAM	1	0	19.03	18.99	18.96	19.8	2.2
1.4	256QAM	1	3	18.89	18.89	18.97		
1.4	256QAM	1	5	19.04	19.06	19.01		
1.4	256QAM	3	0	18.92	18.90	19.01		
1.4	256QAM	3	1	18.81	18.83	18.87		
1.4	256QAM	3	3	18.88	18.88	18.89		
1.4	256QAM	6	0	18.83	18.90	18.95	19.8	2.2

Band 5_ANT 1(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.82	23.72	23.70	24.8	0
10	QPSK	1	25	23.77	23.69	23.69		
10	QPSK	1	49	23.77	23.67	23.63		
10	QPSK	25	0	22.83	22.82	22.81	23.8	1
10	QPSK	25	12	22.80	22.75	22.80		
10	QPSK	25	25	22.81	22.79	22.79		
10	QPSK	50	0	22.82	22.81	22.80		
10	16QAM	1	0	23.20	23.11	23.07	23.8	1
10	16QAM	1	25	23.14	23.03	23.05		
10	16QAM	1	49	23.22	23.12	23.07		
10	16QAM	25	0	21.82	21.77	21.73	22.8	2
10	16QAM	25	12	21.83	21.78	21.83		
10	16QAM	25	25	21.89	21.80	21.80		
10	16QAM	50	0	21.88	21.82	21.81		
10	64QAM	1	0	22.10	22.04	21.88	22.8	2
10	64QAM	1	25	22.02	21.95	22.00		
10	64QAM	1	49	21.95	22.04	21.89		
10	64QAM	25	0	20.80	20.73	20.70	21.8	3
10	64QAM	25	12	20.81	20.75	20.80		
10	64QAM	25	25	20.86	20.78	20.77		
10	64QAM	50	0	20.89	20.79	20.79		
10	256QAM	1	0	18.97	18.96	18.99	19.8	5
10	256QAM	1	25	19.03	19.11	19.07		
10	256QAM	1	49	19.08	19.02	19.01		
10	256QAM	25	0	18.99	18.97	18.96	19.8	5
10	256QAM	25	12	18.96	18.92	19.00		
10	256QAM	25	25	19.00	18.95	18.98		
10	256QAM	50	0	19.07	18.96	19.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.54	23.69	23.72	24.8	0
5	QPSK	1	12	23.68	23.77	23.78		
5	QPSK	1	24	23.60	23.81	23.80		
5	QPSK	12	0	22.67	22.72	22.80	23.8	1
5	QPSK	12	7	22.77	22.67	22.88		
5	QPSK	12	13	22.69	22.78	22.88		
5	QPSK	25	0	22.70	22.79	22.85		
5	16QAM	1	0	23.30	22.99	22.98	23.8	1
5	16QAM	1	12	23.05	23.39	23.12		
5	16QAM	1	24	23.10	23.15	23.41		
5	16QAM	12	0	21.78	21.77	21.85	22.8	2
5	16QAM	12	7	21.69	21.68	21.85		
5	16QAM	12	13	21.85	21.73	21.82		
5	16QAM	25	0	21.70	21.65	21.92		
5	64QAM	1	0	21.96	22.01	22.00	22.8	2
5	64QAM	1	12	22.13	22.09	21.95		
5	64QAM	1	24	21.90	21.91	22.04		
5	64QAM	12	0	20.60	20.72	20.84	21.8	3
5	64QAM	12	7	20.82	20.84	20.96		
5	64QAM	12	13	20.79	20.88	20.89		
5	64QAM	25	0	20.81	20.85	20.83		
5	256QAM	1	0	18.95	18.92	18.98	19.8	5
5	256QAM	1	12	19.03	19.11	19.03		
5	256QAM	1	24	19.00	19.02	19.07		
5	256QAM	12	0	18.94	19.00	18.96	19.8	5
5	256QAM	12	7	19.00	18.96	18.92		
5	256QAM	12	13	18.95	18.97	19.02		
5	256QAM	25	0	19.04	18.95	19.06		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.67	23.72	23.80	24.8	0
3	QPSK	1	8	23.63	23.75	23.79		
3	QPSK	1	14	23.61	23.69	23.60		
3	QPSK	8	0	22.77	22.60	22.80	23.8	1
3	QPSK	8	4	22.69	22.75	22.80		
3	QPSK	8	7	22.73	22.68	22.73		
3	QPSK	15	0	22.70	22.68	22.73		
3	16QAM	1	0	23.00	22.95	22.92	23.8	1
3	16QAM	1	8	23.09	23.18	22.80		
3	16QAM	1	14	22.81	23.18	23.18		
3	16QAM	8	0	21.74	21.81	21.82	22.8	2
3	16QAM	8	4	21.74	21.78	21.77		
3	16QAM	8	7	21.68	21.89	21.96		
3	16QAM	15	0	21.79	21.81	21.73		
3	64QAM	1	0	21.99	22.05	22.21	22.8	2
3	64QAM	1	8	22.32	21.94	22.23		
3	64QAM	1	14	21.27	21.87	22.18		
3	64QAM	8	0	20.74	20.70	20.77	21.8	3
3	64QAM	8	4	20.73	20.85	20.70		
3	64QAM	8	7	20.59	20.73	20.80		
3	64QAM	15	0	20.59	20.72	20.75		
3	256QAM	1	0	18.95	18.96	18.98	19.8	5
3	256QAM	1	8	19.09	19.09	19.00		
3	256QAM	1	14	19.00	19.05	19.08		
3	256QAM	8	0	19.00	18.94	19.01	19.8	5
3	256QAM	8	4	18.99	18.91	18.97		
3	256QAM	8	7	19.02	18.91	19.00		
3	256QAM	15	0	19.04	18.93	19.07		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.81	23.64	23.80	24.8	0
1.4	QPSK	1	3	23.65	23.65	23.64		
1.4	QPSK	1	5	23.59	23.59	23.70		
1.4	QPSK	3	0	23.65	23.62	23.78		
1.4	QPSK	3	1	23.64	23.56	23.76		
1.4	QPSK	3	3	23.63	23.69	23.70		
1.4	QPSK	6	0	22.63	22.69	22.73	23.8	1
1.4	16QAM	1	0	22.85	22.78	23.05	23.8	1
1.4	16QAM	1	3	22.87	23.14	23.11		
1.4	16QAM	1	5	22.94	23.20	22.98		
1.4	16QAM	3	0	22.96	22.71	22.86		
1.4	16QAM	3	1	22.83	23.04	22.83		
1.4	16QAM	3	3	22.79	22.66	23.17		
1.4	16QAM	6	0	21.62	21.94	22.04	22.8	2
1.4	64QAM	1	0	21.98	22.00	22.08	22.8	2
1.4	64QAM	1	3	21.84	22.25	22.24		
1.4	64QAM	1	5	22.18	21.94	22.19		
1.4	64QAM	3	0	21.77	21.97	22.11		
1.4	64QAM	3	1	21.76	21.77	22.03		
1.4	64QAM	3	3	21.75	22.19	21.88		
1.4	64QAM	6	0	20.75	20.75	20.74	21.8	3
1.4	256QAM	1	0	18.98	18.95	19.01	19.8	5
1.4	256QAM	1	3	19.08	19.14	18.99		
1.4	256QAM	1	5	18.99	18.99	19.11		
1.4	256QAM	3	0	18.93	18.99	18.95		
1.4	256QAM	3	1	18.99	18.88	18.99		
1.4	256QAM	3	3	19.01	18.95	18.96		
1.4	256QAM	6	0	19.03	18.95	19.09	19.8	5

Band 7_ANT 1(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.81	22.85	22.80	23.8	0
20	QPSK	1	49	22.78	22.79	22.78		
20	QPSK	1	99	22.72	22.74	22.76		
20	QPSK	50	0	22.09	22.10	22.09	22.8	1
20	QPSK	50	24	22.07	22.03	22.08		
20	QPSK	50	50	22.06	22.06	22.08		
20	QPSK	100	0	22.04	22.07	22.06		
20	16QAM	1	0	22.09	22.07	22.07	22.8	1
20	16QAM	1	49	22.00	22.02	22.05		
20	16QAM	1	99	22.15	22.09	22.13		
20	16QAM	50	0	21.01	21.05	21.06	21.8	2
20	16QAM	50	24	21.06	21.06	21.11		
20	16QAM	50	50	21.13	21.17	21.12		
20	16QAM	100	0	21.04	21.08	21.05		
20	64QAM	1	0	21.06	21.08	21.10	21.8	2
20	64QAM	1	49	21.05	21.04	21.07		
20	64QAM	1	99	21.05	21.08	21.14		
20	64QAM	50	0	20.06	20.02	19.99	20.8	3
20	64QAM	50	24	19.98	20.01	19.99		
20	64QAM	50	50	20.16	20.11	20.09		
20	64QAM	100	0	20.01	20.06	20.08		
20	256QAM	1	0	18.28	18.22	18.18	18.8	5
20	256QAM	1	49	18.20	18.23	18.20		
20	256QAM	1	99	18.28	18.31	18.35		
20	256QAM	50	0	18.12	18.07	18.13	18.8	5
20	256QAM	50	24	18.05	18.08	18.02		
20	256QAM	50	50	18.07	18.12	18.13		
20	256QAM	100	0	18.06	18.03	18.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.72	22.82	22.69	23.8	0
15	QPSK	1	37	22.72	22.75	22.75		
15	QPSK	1	74	22.60	22.63	22.67		
15	QPSK	36	0	21.96	21.97	22.00	22.8	1
15	QPSK	36	20	21.99	21.97	22.04		
15	QPSK	36	39	21.98	22.01	21.97		
15	QPSK	75	0	21.91	22.02	21.98		
15	16QAM	1	0	21.97	22.01	22.04	22.8	1
15	16QAM	1	37	21.87	21.90	21.92		
15	16QAM	1	74	22.12	21.96	22.06		
15	16QAM	36	0	20.98	20.98	21.00	21.8	2
15	16QAM	36	20	21.02	20.98	21.01		
15	16QAM	36	39	21.09	21.04	21.04		
15	16QAM	75	0	20.95	21.04	20.98		
15	64QAM	1	0	20.98	20.97	20.98	21.8	2
15	64QAM	1	37	21.02	20.94	20.94		
15	64QAM	1	74	20.95	21.05	21.07		
15	64QAM	36	0	20.03	19.93	19.90	20.8	3
15	64QAM	36	20	19.90	19.97	19.90		
15	64QAM	36	39	20.10	20.01	20.02		
15	64QAM	75	0	19.88	20.01	19.95		
15	256QAM	1	0	18.20	18.11	18.09	18.8	5
15	256QAM	1	37	18.08	18.10	18.07		
15	256QAM	1	74	18.24	18.19	18.25		
15	256QAM	36	0	18.06	17.94	18.03	18.8	5
15	256QAM	36	20	17.94	18.03	17.89		
15	256QAM	36	39	17.95	18.01	18.05		
15	256QAM	75	0	18.01	17.97	18.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.74	22.79	22.72	23.8	0
10	QPSK	1	25	22.75	22.74	22.68		
10	QPSK	1	49	22.63	22.67	22.67		
10	QPSK	25	0	21.94	22.03	21.94	22.8	1
10	QPSK	25	12	21.99	21.99	22.01		
10	QPSK	25	25	21.99	22.00	21.98		
10	QPSK	50	0	21.98	21.96	22.00		
10	16QAM	1	0	21.96	21.96	21.98	22.8	1
10	16QAM	1	25	21.97	21.97	22.02		
10	16QAM	1	49	22.02	21.96	22.06		
10	16QAM	25	0	20.89	20.99	20.94	21.8	2
10	16QAM	25	12	20.93	21.00	21.00		
10	16QAM	25	25	21.01	21.13	21.00		
10	16QAM	50	0	20.98	20.95	20.92		
10	64QAM	1	0	20.98	21.04	21.04	21.8	2
10	64QAM	1	25	21.02	20.92	20.96		
10	64QAM	1	49	21.01	21.02	21.03		
10	64QAM	25	0	19.98	19.92	19.86	20.8	3
10	64QAM	25	12	19.94	19.89	19.92		
10	64QAM	25	25	20.10	20.03	19.97		
10	64QAM	50	0	19.92	19.93	20.01		
10	256QAM	1	0	18.17	18.16	18.11	18.8	5
10	256QAM	1	25	18.09	18.12	18.08		
10	256QAM	1	49	18.23	18.27	18.22		
10	256QAM	25	0	18.06	17.94	18.08	18.8	5
10	256QAM	25	12	17.95	17.99	17.96		
10	256QAM	25	25	17.99	18.00	18.07		
10	256QAM	50	0	17.98	17.93	18.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.72	22.80	22.68	23.8	0
5	QPSK	1	12	22.68	22.70	22.74		
5	QPSK	1	24	22.69	22.70	22.66		
5	QPSK	12	0	21.99	21.98	21.96	22.8	1
5	QPSK	12	7	21.97	21.97	21.97		
5	QPSK	12	13	22.01	21.93	22.00		
5	QPSK	25	0	21.99	21.98	22.01		
5	16QAM	1	0	21.96	21.97	22.03	22.8	1
5	16QAM	1	12	21.95	21.89	21.92		
5	16QAM	1	24	22.12	22.00	22.02		
5	16QAM	12	0	20.96	20.99	20.93	21.8	2
5	16QAM	12	7	21.02	21.01	21.03		
5	16QAM	12	13	21.05	21.12	21.02		
5	16QAM	25	0	20.98	20.95	21.02		
5	64QAM	1	0	20.95	21.03	21.02	21.8	2
5	64QAM	1	12	21.00	20.99	20.97		
5	64QAM	1	24	21.02	20.98	21.09		
5	64QAM	12	0	20.00	19.98	19.90	20.8	3
5	64QAM	12	7	19.88	19.96	19.93		
5	64QAM	12	13	20.13	20.00	20.06		
5	64QAM	25	0	19.95	19.97	20.02		
5	256QAM	1	0	18.21	18.13	18.14	18.8	5
5	256QAM	1	12	18.11	18.15	18.07		
5	256QAM	1	24	18.19	18.28	18.32		
5	256QAM	12	0	18.01	17.95	18.00	18.8	5
5	256QAM	12	7	17.97	18.01	17.89		
5	256QAM	12	13	18.02	18.05	18.09		
5	256QAM	25	0	17.98	17.98	18.03		

Band 7_ANT 3(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.19	19.22	19.10	20.5	0
20	QPSK	1	49	19.16	19.07	18.97		
20	QPSK	1	99	19.11	19.09	19.07		
20	QPSK	50	0	19.13	19.21	19.10	20.5	0
20	QPSK	50	24	19.10	19.14	19.06		
20	QPSK	50	50	19.12	19.07	19.01		
20	QPSK	100	0	19.13	19.19	19.04		
20	16QAM	1	0	19.14	19.17	19.04	20.5	0
20	16QAM	1	49	19.08	19.09	19.09		
20	16QAM	1	99	19.18	19.07	18.98		
20	16QAM	50	0	19.13	19.20	19.00	20.5	0
20	16QAM	50	24	19.09	19.14	18.98		
20	16QAM	50	50	19.11	19.08	19.10		
20	16QAM	100	0	19.20	19.11	19.09		
20	64QAM	1	0	19.19	19.18	19.05	20.5	0
20	64QAM	1	49	19.20	19.19	18.98		
20	64QAM	1	99	19.11	19.16	19.02		
20	64QAM	50	0	19.15	19.18	19.04	20.5	0
20	64QAM	50	24	19.20	19.11	19.04		
20	64QAM	50	50	19.09	19.17	18.99		
20	64QAM	100	0	19.16	19.15	19.07		
20	256QAM	1	0	18.61	18.57	18.52	19	1.5
20	256QAM	1	49	18.58	18.59	18.54		
20	256QAM	1	99	18.65	18.68	18.59		
20	256QAM	50	0	18.53	18.50	18.40	19	1.5
20	256QAM	50	24	18.52	18.53	18.39		
20	256QAM	50	50	18.56	18.54	18.39		
20	256QAM	100	0	18.59	18.58	18.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.13	19.15	18.99	20.5	0
15	QPSK	1	37	19.08	19.01	18.86		
15	QPSK	1	74	19.00	19.03	19.02		
15	QPSK	36	0	19.05	19.12	19.04	20.5	0
15	QPSK	36	20	19.07	19.10	19.03		
15	QPSK	36	39	19.07	19.03	18.98		
15	QPSK	75	0	19.06	19.16	18.98		
15	16QAM	1	0	19.08	19.04	18.96	20.5	0
15	16QAM	1	37	18.99	18.98	18.98		
15	16QAM	1	74	19.12	19.00	18.88		
15	16QAM	36	0	19.08	19.08	18.90	20.5	0
15	16QAM	36	20	19.05	19.07	18.91		
15	16QAM	36	39	18.99	18.97	19.07		
15	16QAM	75	0	19.17	19.06	18.97		
15	64QAM	1	0	19.14	19.08	18.92	20.5	0
15	64QAM	1	37	19.17	19.06	18.94		
15	64QAM	1	74	19.07	19.06	18.92		
15	64QAM	36	0	19.10	19.14	18.96	20.5	0
15	64QAM	36	20	19.17	19.05	18.91		
15	64QAM	36	39	19.02	19.11	18.96		
15	64QAM	75	0	19.06	19.03	18.99		
15	256QAM	1	0	18.54	18.50	18.42	19	1.5
15	256QAM	1	37	18.47	18.49	18.45		
15	256QAM	1	74	18.59	18.63	18.46		
15	256QAM	36	0	18.47	18.47	18.28	19	1.5
15	256QAM	36	20	18.47	18.49	18.32		
15	256QAM	36	39	18.44	18.41	18.36		
15	256QAM	75	0	18.51	18.50	18.44		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.16	19.18	18.98	20.5	0
10	QPSK	1	25	19.08	18.98	18.88		
10	QPSK	1	49	19.04	19.03	18.99		
10	QPSK	25	0	19.02	19.09	19.00	20.5	0
10	QPSK	25	12	19.11	19.02	19.03		
10	QPSK	25	25	19.02	19.03	18.90		
10	QPSK	50	0	19.06	19.10	18.99		
10	16QAM	1	0	19.05	19.07	18.97	20.5	0
10	16QAM	1	25	18.97	18.98	19.01		
10	16QAM	1	49	19.13	18.99	18.91		
10	16QAM	25	0	19.01	19.08	18.87	20.5	0
10	16QAM	25	12	19.03	19.03	18.90		
10	16QAM	25	25	19.02	19.05	18.99		
10	16QAM	50	0	19.12	19.04	18.97		
10	64QAM	1	0	19.15	19.10	19.00	20.5	0
10	64QAM	1	25	19.12	19.11	18.88		
10	64QAM	1	49	18.98	19.07	18.98		
10	64QAM	25	0	19.05	19.14	18.96	20.5	0
10	64QAM	25	12	19.14	19.07	18.97		
10	64QAM	25	25	18.99	19.09	18.91		
10	64QAM	50	0	19.13	19.02	18.99		
10	256QAM	1	0	18.54	18.49	18.43	19	1.5
10	256QAM	1	25	18.50	18.48	18.49		
10	256QAM	1	49	18.56	18.57	18.55		
10	256QAM	25	0	18.41	18.47	18.36	19	1.5
10	256QAM	25	12	18.48	18.42	18.30		
10	256QAM	25	25	18.45	18.47	18.29		
10	256QAM	50	0	18.46	18.46	18.44		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.15	19.17	19.05	20.5	0
5	QPSK	1	12	19.12	18.94	18.84		
5	QPSK	1	24	18.98	19.02	19.04		
5	QPSK	12	0	19.05	19.09	19.01	20.5	0
5	QPSK	12	7	19.08	19.09	19.00		
5	QPSK	12	13	19.02	18.96	18.89		
5	QPSK	25	0	19.00	19.14	18.95		
5	16QAM	1	0	19.07	19.06	18.97	20.5	0
5	16QAM	1	12	19.01	18.99	19.02		
5	16QAM	1	24	19.12	18.98	18.92		
5	16QAM	12	0	19.01	19.08	18.91	20.5	0
5	16QAM	12	7	19.04	19.11	18.91		
5	16QAM	12	13	19.03	19.00	19.03		
5	16QAM	25	0	19.09	19.05	19.06		
5	64QAM	1	0	19.15	19.15	19.02	20.5	0
5	64QAM	1	12	19.10	19.09	18.91		
5	64QAM	1	24	19.04	19.13	18.98		
5	64QAM	12	0	19.07	19.12	18.93	20.5	0
5	64QAM	12	7	19.11	19.07	18.93		
5	64QAM	12	13	19.04	19.08	18.92		
5	64QAM	25	0	19.12	19.07	18.98		
5	256QAM	1	0	18.53	18.53	18.43	19	1.5
5	256QAM	1	12	18.49	18.49	18.46		
5	256QAM	1	24	18.52	18.60	18.49		
5	256QAM	12	0	18.44	18.39	18.30	19	1.5
5	256QAM	12	7	18.41	18.48	18.26		
5	256QAM	12	13	18.48	18.50	18.31		
5	256QAM	25	0	18.48	18.45	18.40		

Band 12_ANT 1(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.92	23.82	24.8	0
10	QPSK	1	25	23.85	23.85	23.80		
10	QPSK	1	49	23.84	23.83	23.78		
10	QPSK	25	0	22.91	22.95	22.90	23.8	1
10	QPSK	25	12	22.84	22.94	22.89		
10	QPSK	25	25	22.90	22.92	22.89		
10	QPSK	50	0	22.83	22.90	22.88		
10	16QAM	1	0	23.26	23.31	23.23	23.8	1
10	16QAM	1	25	23.16	23.22	23.13		
10	16QAM	1	49	23.26	23.25	23.22		
10	16QAM	25	0	21.85	21.87	21.83	22.8	2
10	16QAM	25	12	21.88	21.95	21.92		
10	16QAM	25	25	21.93	21.93	21.90		
10	16QAM	50	0	21.86	21.92	21.89		
10	64QAM	1	0	22.13	22.09	21.99	22.8	2
10	64QAM	1	25	22.07	22.15	22.03		
10	64QAM	1	49	22.10	22.06	22.08		
10	64QAM	25	0	20.87	20.85	20.82	21.8	3
10	64QAM	25	12	20.85	20.95	20.91		
10	64QAM	25	25	20.93	20.94	20.91		
10	64QAM	50	0	20.84	20.92	20.90		
10	256QAM	1	0	19.06	19.05	19.07	19.8	5
10	256QAM	1	25	19.16	19.11	19.11		
10	256QAM	1	49	19.01	19.07	18.99		
10	256QAM	25	0	19.05	19.04	19.00	19.8	5
10	256QAM	25	12	18.99	19.12	19.09		
10	256QAM	25	25	19.03	19.04	19.04		
10	256QAM	50	0	19.02	19.03	19.06		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.68	23.61	23.71	24.8	0
5	QPSK	1	12	23.78	23.78	23.84		
5	QPSK	1	24	23.71	23.87	23.85		
5	QPSK	12	0	22.82	22.80	22.76	23.8	1
5	QPSK	12	7	22.91	22.83	22.78		
5	QPSK	12	13	22.80	22.86	22.76		
5	QPSK	25	0	22.85	22.81	22.69		
5	16QAM	1	0	23.20	23.14	23.27	23.8	1
5	16QAM	1	12	23.26	23.55	23.34		
5	16QAM	1	24	23.49	22.91	23.09		
5	16QAM	12	0	21.65	21.93	21.83	22.8	2
5	16QAM	12	7	21.92	21.85	21.91		
5	16QAM	12	13	21.89	21.84	21.86		
5	16QAM	25	0	21.87	21.76	21.72		
5	64QAM	1	0	21.87	22.45	22.08	22.8	2
5	64QAM	1	12	22.27	22.23	22.28		
5	64QAM	1	24	21.77	21.97	21.72		
5	64QAM	12	0	20.80	20.75	20.64	21.8	3
5	64QAM	12	7	20.80	20.74	20.74		
5	64QAM	12	13	20.84	20.86	20.83		
5	64QAM	25	0	20.86	20.87	20.77		
5	256QAM	1	0	19.02	19.07	19.09	19.8	5
5	256QAM	1	12	19.11	19.12	19.14		
5	256QAM	1	24	19.09	18.99	18.97		
5	256QAM	12	0	19.05	19.07	18.98	19.8	5
5	256QAM	12	7	19.15	19.00	19.10		
5	256QAM	12	13	19.01	19.05	19.05		
5	256QAM	25	0	19.00	19.03	19.06		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.76	23.74	23.88	24.8	0
3	QPSK	1	8	23.80	23.79	23.91		
3	QPSK	1	14	23.76	23.60	23.66		
3	QPSK	8	0	22.84	22.79	22.70	23.8	1
3	QPSK	8	4	22.86	22.88	22.80		
3	QPSK	8	7	22.87	22.83	22.80		
3	QPSK	15	0	22.80	22.70	22.69		
3	16QAM	1	0	23.22	22.75	22.91	23.8	1
3	16QAM	1	8	23.14	23.31	23.08		
3	16QAM	1	14	23.26	23.04	23.19		
3	16QAM	8	0	22.07	21.74	21.85	22.8	2
3	16QAM	8	4	22.01	21.94	21.78		
3	16QAM	8	7	21.85	21.93	21.85		
3	16QAM	15	0	21.84	21.75	21.82		
3	64QAM	1	0	22.10	21.93	21.59	22.8	2
3	64QAM	1	8	22.17	21.85	22.46		
3	64QAM	1	14	21.77	22.15	21.66		
3	64QAM	8	0	20.90	20.79	20.71	21.8	3
3	64QAM	8	4	20.98	20.93	20.73		
3	64QAM	8	7	20.80	20.78	20.83		
3	64QAM	15	0	20.86	20.78	20.75		
3	256QAM	1	0	19.08	19.04	19.10	19.8	5
3	256QAM	1	8	19.08	19.15	19.10		
3	256QAM	1	14	19.03	19.04	18.97		
3	256QAM	8	0	19.04	19.04	19.01	19.8	5
3	256QAM	8	4	19.09	19.02	19.07		
3	256QAM	8	7	19.03	19.04	19.01		
3	256QAM	15	0	19.03	19.02	19.06		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.84	23.78	23.65	24.8	0
1.4	QPSK	1	3	23.78	23.79	23.76		
1.4	QPSK	1	5	23.69	23.81	23.62		
1.4	QPSK	3	0	23.89	23.82	23.79		
1.4	QPSK	3	1	23.77	23.68	23.78		
1.4	QPSK	3	3	23.81	23.73	23.85		
1.4	QPSK	6	0	22.77	22.70	22.75	23.8	1
1.4	16QAM	1	0	23.16	23.25	22.90	23.8	1
1.4	16QAM	1	3	23.43	23.04	22.80		
1.4	16QAM	1	5	23.18	23.13	22.90		
1.4	16QAM	3	0	22.87	23.04	23.01		
1.4	16QAM	3	1	23.22	23.10	23.12		
1.4	16QAM	3	3	23.13	23.06	23.03		
1.4	16QAM	6	0	21.80	21.85	21.91	22.8	2
1.4	64QAM	1	0	22.05	22.19	21.90	22.8	2
1.4	64QAM	1	3	21.66	22.03	22.14		
1.4	64QAM	1	5	22.36	22.03	22.20		
1.4	64QAM	3	0	22.11	21.85	21.85		
1.4	64QAM	3	1	22.00	21.88	21.89		
1.4	64QAM	3	3	21.88	21.94	21.99		
1.4	64QAM	6	0	20.85	20.83	20.77	21.8	3
1.4	256QAM	1	0	19.08	19.04	19.08	19.8	5
1.4	256QAM	1	3	19.08	19.15	19.08		
1.4	256QAM	1	5	19.09	19.00	18.95		
1.4	256QAM	3	0	19.06	19.06	18.99		
1.4	256QAM	3	1	19.16	18.95	19.08		
1.4	256QAM	3	3	19.01	19.07	19.04		
1.4	256QAM	6	0	19.05	19.02	19.06	19.8	5

Band 13_ANT 1(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.75		24.8	0
10	QPSK	1	25		23.68			
10	QPSK	1	49		23.59			
10	QPSK	25	0		22.67		23.8	1
10	QPSK	25	12		22.66			
10	QPSK	25	25		22.62			
10	QPSK	50	0		22.65			
10	16QAM	1	0		23.03		23.8	1
10	16QAM	1	25		23.08			
10	16QAM	1	49		23.06			
10	16QAM	25	0		21.64		22.8	2
10	16QAM	25	12		21.68			
10	16QAM	25	25		21.64			
10	16QAM	50	0		21.68			
10	64QAM	1	0		21.72		22.8	2
10	64QAM	1	25		21.93			
10	64QAM	1	49		21.82			
10	64QAM	25	0		20.63		21.8	3
10	64QAM	25	12		20.66			
10	64QAM	25	25		20.62			
10	64QAM	50	0		20.67			
10	256QAM	1	0		19.00		19.8	5
10	256QAM	1	25		19.09			
10	256QAM	1	49		19.07			
10	256QAM	25	0		18.99		19.8	5
10	256QAM	25	12		18.96			
10	256QAM	25	25		18.95			
10	256QAM	50	0		18.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.43	23.60	23.63	24.8	0
5	QPSK	1	12	23.54	23.73	23.74		
5	QPSK	1	24	23.64	23.57	23.61		
5	QPSK	12	0	22.49	22.61	22.55	23.8	1
5	QPSK	12	7	22.64	22.60	22.63		
5	QPSK	12	13	22.60	22.60	22.58		
5	QPSK	25	0	22.62	22.60	22.60		
5	16QAM	1	0	22.72	22.94	22.60	23.8	1
5	16QAM	1	12	23.04	23.01	23.17		
5	16QAM	1	24	22.97	22.77	22.66		
5	16QAM	12	0	21.64	21.71	21.68	22.8	2
5	16QAM	12	7	21.62	21.58	21.75		
5	16QAM	12	13	21.67	21.64	21.67		
5	16QAM	25	0	21.56	21.56	21.67		
5	64QAM	1	0	21.75	21.85	21.56	22.8	2
5	64QAM	1	12	21.61	22.06	22.45		
5	64QAM	1	24	21.86	22.44	21.84		
5	64QAM	12	0	20.46	20.70	20.55	21.8	3
5	64QAM	12	7	20.73	20.69	20.80		
5	64QAM	12	13	20.67	20.40	20.76		
5	64QAM	25	0	20.63	20.51	20.60		
5	256QAM	1	0	18.75	18.88	18.85	19.8	5
5	256QAM	1	12	18.80	18.95	18.95		
5	256QAM	1	24	18.77	18.93	18.93		
5	256QAM	12	0	18.73	18.83	18.87	19.8	5
5	256QAM	12	7	18.68	18.85	18.82		
5	256QAM	12	13	18.69	18.79	18.82		
5	256QAM	25	0	18.71	18.88	18.86		

Band 17_ANT 1(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.82	23.88	23.83	24.8	0
10	QPSK	1	25	23.81	23.81	23.82		
10	QPSK	1	49	23.77	23.76	23.77		
10	QPSK	25	0	22.85	22.89	22.88	23.8	1
10	QPSK	25	12	22.84	22.85	22.86		
10	QPSK	25	25	22.82	22.88	22.84		
10	QPSK	50	0	22.84	22.85	22.83		
10	16QAM	1	0	23.16	23.18	23.17	23.8	1
10	16QAM	1	25	23.21	23.19	23.25		
10	16QAM	1	49	23.24	23.27	23.24		
10	16QAM	25	0	21.88	21.88	21.86	22.8	2
10	16QAM	25	12	21.96	21.88	21.97		
10	16QAM	25	25	21.90	21.90	21.91		
10	16QAM	50	0	21.83	21.84	21.83		
10	64QAM	1	0	22.01	21.99	22.04	22.8	2
10	64QAM	1	25	22.09	22.10	22.03		
10	64QAM	1	49	22.03	21.99	21.99		
10	64QAM	25	0	20.85	20.85	20.87	21.8	3
10	64QAM	25	12	20.96	20.90	20.96		
10	64QAM	25	25	20.88	20.91	20.88		
10	64QAM	50	0	20.84	20.85	20.84		
10	256QAM	1	0	19.08	18.99	19.02	19.8	5
10	256QAM	1	25	19.04	19.09	19.06		
10	256QAM	1	49	19.01	19.03	19.02		
10	256QAM	25	0	19.03	19.04	19.00	19.8	5
10	256QAM	25	12	19.05	19.05	19.06		
10	256QAM	25	25	18.97	18.98	19.03		
10	256QAM	50	0	18.99	19.01	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.86	23.84	23.82	24.8	0
5	QPSK	1	12	23.86	23.86	23.85		
5	QPSK	1	24	23.81	23.68	23.69		
5	QPSK	12	0	22.77	22.83	22.75	23.8	1
5	QPSK	12	7	22.87	22.78	22.79		
5	QPSK	12	13	22.79	22.85	22.76		
5	QPSK	25	0	22.79	22.85	22.73		
5	16QAM	1	0	23.19	23.21	23.34	23.8	1
5	16QAM	1	12	22.60	23.22	23.07		
5	16QAM	1	24	22.71	23.20	23.10		
5	16QAM	12	0	21.93	21.99	21.94	22.8	2
5	16QAM	12	7	22.02	21.93	21.84		
5	16QAM	12	13	22.00	21.87	21.92		
5	16QAM	25	0	21.91	21.75	21.77		
5	64QAM	1	0	21.45	22.13	22.20	22.8	2
5	64QAM	1	12	21.74	21.68	22.30		
5	64QAM	1	24	22.05	22.13	22.03		
5	64QAM	12	0	20.85	20.75	20.88	21.8	3
5	64QAM	12	7	21.02	20.82	20.78		
5	64QAM	12	13	20.87	20.84	20.88		
5	64QAM	25	0	20.83	20.80	20.82		
5	256QAM	1	0	19.06	18.96	19.04	19.8	5
5	256QAM	1	12	19.05	19.05	19.02		
5	256QAM	1	24	18.97	19.05	18.99		
5	256QAM	12	0	19.00	19.06	18.99	19.8	5
5	256QAM	12	7	19.09	19.04	19.09		
5	256QAM	12	13	18.97	18.95	19.03		
5	256QAM	25	0	19.00	18.99	18.98		

Band 25_ANT 3(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.71	20.83	20.80	22	0
20	QPSK	1	49	20.61	20.72	20.77		
20	QPSK	1	99	20.70	20.76	20.73		
20	QPSK	50	0	20.65	20.82	20.74	22	0
20	QPSK	50	24	20.63	20.68	20.68		
20	QPSK	50	50	20.60	20.80	20.72		
20	QPSK	100	0	20.63	20.80	20.71		
20	16QAM	1	0	20.58	20.68	20.80	22	0
20	16QAM	1	49	20.65	20.77	20.76		
20	16QAM	1	99	20.60	20.72	20.75		
20	16QAM	50	0	20.65	20.72	20.76	22	0
20	16QAM	50	24	20.66	20.73	20.74		
20	16QAM	50	50	20.62	20.80	20.71		
20	16QAM	100	0	20.59	20.68	20.71		
20	64QAM	1	0	20.61	20.76	20.77	22	0
20	64QAM	1	49	20.65	20.68	20.68		
20	64QAM	1	99	20.67	20.74	20.80		
20	64QAM	50	0	20.64	20.78	20.69	21.8	0.2
20	64QAM	50	24	20.68	20.72	20.68		
20	64QAM	50	50	20.61	20.70	20.80		
20	64QAM	100	0	20.71	20.69	20.71		
20	256QAM	1	0	18.95	18.98	18.89	19.8	2.2
20	256QAM	1	49	18.96	18.98	18.93		
20	256QAM	1	99	18.88	18.87	18.95		
20	256QAM	50	0	18.77	18.84	18.84	19.8	2.2
20	256QAM	50	24	18.81	18.83	18.87		
20	256QAM	50	50	18.84	18.85	18.84		
20	256QAM	100	0	18.89	18.77	18.81		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.53	20.78	20.76	22	0
15	QPSK	1	37	20.52	20.64	20.70		
15	QPSK	1	74	20.61	20.69	20.64		
15	QPSK	36	0	20.54	20.71	20.68	22	0
15	QPSK	36	20	20.57	20.59	20.56		
15	QPSK	36	39	20.51	20.75	20.65		
15	QPSK	75	0	20.59	20.77	20.68		
15	16QAM	1	0	20.53	20.59	20.70	22	0
15	16QAM	1	37	20.53	20.74	20.64		
15	16QAM	1	74	20.56	20.59	20.71		
15	16QAM	36	0	20.58	20.64	20.73	22	0
15	16QAM	36	20	20.61	20.60	20.69		
15	16QAM	36	39	20.55	20.77	20.58		
15	16QAM	75	0	20.48	20.65	20.68		
15	64QAM	1	0	20.51	20.72	20.67	22	0
15	64QAM	1	37	20.60	20.60	20.65		
15	64QAM	1	74	20.59	20.62	20.68		
15	64QAM	36	0	20.61	20.74	20.60	21.8	0.2
15	64QAM	36	20	20.64	20.65	20.59		
15	64QAM	36	39	20.50	20.63	20.76		
15	64QAM	75	0	20.64	20.63	20.61		
15	256QAM	1	0	18.90	18.85	18.78	19.8	2.2
15	256QAM	1	37	18.93	18.91	18.89		
15	256QAM	1	74	18.77	18.83	18.84		
15	256QAM	36	0	18.65	18.74	18.75	19.8	2.2
15	256QAM	36	20	18.75	18.72	18.77		
15	256QAM	36	39	18.81	18.75	18.75		
15	256QAM	75	0	18.81	18.64	18.77		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.57	20.79	20.72	22	0
10	QPSK	1	25	20.51	20.65	20.71		
10	QPSK	1	49	20.67	20.71	20.65		
10	QPSK	25	0	20.51	20.77	20.67	22	0
10	QPSK	25	12	20.56	20.61	20.65		
10	QPSK	25	25	20.49	20.74	20.69		
10	QPSK	50	0	20.56	20.74	20.65		
10	16QAM	1	0	20.45	20.55	20.74	22	0
10	16QAM	1	25	20.52	20.73	20.72		
10	16QAM	1	49	20.57	20.64	20.65		
10	16QAM	25	0	20.61	20.63	20.65	22	0
10	16QAM	25	12	20.62	20.63	20.69		
10	16QAM	25	25	20.54	20.71	20.58		
10	16QAM	50	0	20.53	20.60	20.62		
10	64QAM	1	0	20.58	20.70	20.66	22	0
10	64QAM	1	25	20.52	20.59	20.64		
10	64QAM	1	49	20.54	20.70	20.67		
10	64QAM	25	0	20.60	20.65	20.61	21.8	0.2
10	64QAM	25	12	20.59	20.66	20.61		
10	64QAM	25	25	20.51	20.67	20.69		
10	64QAM	50	0	20.65	20.66	20.58		
10	256QAM	1	0	18.82	18.94	18.82	19.8	2.2
10	256QAM	1	25	18.85	18.89	18.87		
10	256QAM	1	49	18.82	18.84	18.83		
10	256QAM	25	0	18.71	18.74	18.81	19.8	2.2
10	256QAM	25	12	18.70	18.80	18.84		
10	256QAM	25	25	18.74	18.79	18.72		
10	256QAM	50	0	18.83	18.74	18.78		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.57	20.79	20.67	22	0
5	QPSK	1	12	20.54	20.69	20.73		
5	QPSK	1	24	20.60	20.73	20.65		
5	QPSK	12	0	20.47	20.73	20.66	22	0
5	QPSK	12	7	20.58	20.64	20.60		
5	QPSK	12	13	20.50	20.74	20.69		
5	QPSK	25	0	20.57	20.71	20.66		
5	16QAM	1	0	20.51	20.58	20.76	22	0
5	16QAM	1	12	20.55	20.74	20.66		
5	16QAM	1	24	20.55	20.62	20.69		
5	16QAM	12	0	20.57	20.59	20.73	22	0
5	16QAM	12	7	20.63	20.63	20.63		
5	16QAM	12	13	20.52	20.69	20.68		
5	16QAM	25	0	20.52	20.56	20.62		
5	64QAM	1	0	20.56	20.73	20.65	22	0
5	64QAM	1	12	20.58	20.65	20.59		
5	64QAM	1	24	20.57	20.70	20.69		
5	64QAM	12	0	20.55	20.74	20.62	21.8	0.2
5	64QAM	12	7	20.63	20.63	20.65		
5	64QAM	12	13	20.48	20.58	20.72		
5	64QAM	25	0	20.58	20.59	20.62		
5	256QAM	1	0	18.88	18.91	18.83	19.8	2.2
5	256QAM	1	12	18.93	18.95	18.88		
5	256QAM	1	24	18.80	18.84	18.90		
5	256QAM	12	0	18.67	18.77	18.81	19.8	2.2
5	256QAM	12	7	18.78	18.70	18.76		
5	256QAM	12	13	18.74	18.80	18.73		
5	256QAM	25	0	18.85	18.65	18.74		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.61	20.79	20.72	22	0
3	QPSK	1	8	20.50	20.62	20.72		
3	QPSK	1	14	20.60	20.70	20.67		
3	QPSK	8	0	20.53	20.73	20.68	22	0
3	QPSK	8	4	20.60	20.58	20.57		
3	QPSK	8	7	20.49	20.77	20.66		
3	QPSK	15	0	20.59	20.76	20.61		
3	16QAM	1	0	20.50	20.64	20.70	22	0
3	16QAM	1	8	20.59	20.69	20.73		
3	16QAM	1	14	20.53	20.66	20.67		
3	16QAM	8	0	20.62	20.69	20.67	22	0
3	16QAM	8	4	20.59	20.64	20.61		
3	16QAM	8	7	20.51	20.74	20.58		
3	16QAM	15	0	20.50	20.62	20.63		
3	64QAM	1	0	20.54	20.72	20.74	22	0
3	64QAM	1	8	20.57	20.60	20.64		
3	64QAM	1	14	20.60	20.65	20.69		
3	64QAM	8	0	20.57	20.67	20.59	21.8	0.2
3	64QAM	8	4	20.56	20.62	20.61		
3	64QAM	8	7	20.54	20.63	20.73		
3	64QAM	15	0	20.58	20.66	20.59		
3	256QAM	1	0	18.87	18.89	18.86	19.8	2.2
3	256QAM	1	8	18.84	18.88	18.82		
3	256QAM	1	14	18.80	18.78	18.87		
3	256QAM	8	0	18.69	18.81	18.74	19.8	2.2
3	256QAM	8	4	18.70	18.76	18.76		
3	256QAM	8	7	18.80	18.77	18.72		
3	256QAM	15	0	18.86	18.65	18.78		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.61	20.79	20.68	22	0
1.4	QPSK	1	3	20.52	20.66	20.65		
1.4	QPSK	1	5	20.57	20.67	20.69		
1.4	QPSK	3	0	20.53	20.79	20.64		
1.4	QPSK	3	1	20.57	20.62	20.59		
1.4	QPSK	3	3	20.51	20.77	20.67		
1.4	QPSK	6	0	20.59	20.74	20.68	22	0
1.4	16QAM	1	0	20.51	20.61	20.72	22	0
1.4	16QAM	1	3	20.56	20.69	20.64		
1.4	16QAM	1	5	20.55	20.62	20.66		
1.4	16QAM	3	0	20.55	20.63	20.73		
1.4	16QAM	3	1	20.56	20.62	20.65		
1.4	16QAM	3	3	20.53	20.68	20.67		
1.4	16QAM	6	0	20.55	20.63	20.64	22	0
1.4	64QAM	1	0	20.48	20.68	20.64	22	0
1.4	64QAM	1	3	20.54	20.65	20.55		
1.4	64QAM	1	5	20.60	20.70	20.72		
1.4	64QAM	3	0	20.59	20.69	20.65		
1.4	64QAM	3	1	20.63	20.67	20.58		
1.4	64QAM	3	3	20.56	20.66	20.69		
1.4	64QAM	6	0	20.62	20.58	20.61	21.8	0.2
1.4	256QAM	1	0	18.87	18.95	18.77	19.8	2.2
1.4	256QAM	1	3	18.85	18.93	18.81		
1.4	256QAM	1	5	18.75	18.75	18.86		
1.4	256QAM	3	0	18.68	18.80	18.76		
1.4	256QAM	3	1	18.76	18.70	18.77		
1.4	256QAM	3	3	18.72	18.81	18.75		
1.4	256QAM	6	0	18.77	18.69	18.71	19.8	2.2

Band 26 for FCC_ANT 1(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.65	23.85	23.62	24.8	0
15	QPSK	1	37	23.63	23.66	23.61		
15	QPSK	1	74	23.60	23.59	23.52		
15	QPSK	36	0	22.73	22.74	22.71	23.8	1
15	QPSK	36	20	22.71	22.71	22.61		
15	QPSK	36	39	22.72	22.70	22.70		
15	QPSK	75	0	22.70	22.72	22.71		
15	16QAM	1	0	22.90	22.93	22.96	23.8	1
15	16QAM	1	37	22.94	22.95	22.91		
15	16QAM	1	74	22.85	23.02	22.85		
15	16QAM	36	0	21.73	21.72	21.68	22.8	2
15	16QAM	36	20	21.79	21.80	21.66		
15	16QAM	36	39	21.77	21.77	21.72		
15	16QAM	75	0	21.78	21.79	21.75		
15	64QAM	1	0	21.86	21.86	21.79	22.8	2
15	64QAM	1	37	21.97	21.89	21.80		
15	64QAM	1	74	21.92	21.81	21.87		
15	64QAM	36	0	20.70	20.71	20.68	21.8	3
15	64QAM	36	20	20.79	20.76	20.71		
15	64QAM	36	39	20.77	20.75	20.73		
15	64QAM	75	0	20.77	20.80	20.71		
15	256QAM	1	0	19.03	19.04	19.06	19.8	5
15	256QAM	1	37	19.12	19.09	19.06		
15	256QAM	1	74	19.00	19.02	19.01		
15	256QAM	36	0	18.95	18.94	18.98	19.8	5
15	256QAM	36	20	18.96	18.97	19.00		
15	256QAM	36	39	18.97	18.99	19.01		
15	256QAM	75	0	19.02	19.02	18.98		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.72	23.58	23.71	24.8	0
10	QPSK	1	25	23.65	23.69	23.73		
10	QPSK	1	49	23.57	23.66	23.53		
10	QPSK	25	0	22.80	22.67	22.72	23.8	1
10	QPSK	25	12	22.89	22.61	22.70		
10	QPSK	25	25	22.79	22.78	22.78		
10	QPSK	50	0	22.82	22.78	22.82		
10	16QAM	1	0	23.23	22.67	23.15	23.8	1
10	16QAM	1	25	23.40	23.33	23.38		
10	16QAM	1	49	23.30	22.74	22.81		
10	16QAM	25	0	21.76	21.71	21.80	22.8	2
10	16QAM	25	12	21.81	21.72	21.77		
10	16QAM	25	25	21.86	21.79	21.93		
10	16QAM	50	0	21.78	21.77	21.70		
10	64QAM	1	0	22.03	22.17	22.04	22.8	2
10	64QAM	1	25	21.86	21.77	21.72		
10	64QAM	1	49	21.86	21.78	21.75		
10	64QAM	25	0	20.87	20.69	20.77	21.8	3
10	64QAM	25	12	20.91	20.78	20.74		
10	64QAM	25	25	20.75	20.70	20.74		
10	64QAM	50	0	20.91	20.74	20.88		
10	256QAM	1	0	19.00	19.10	19.04	19.8	5
10	256QAM	1	25	19.14	19.08	19.09		
10	256QAM	1	49	18.98	19.01	18.98		
10	256QAM	25	0	18.97	18.98	18.93	19.8	5
10	256QAM	25	12	18.93	18.99	19.00		
10	256QAM	25	25	18.98	19.00	19.02		
10	256QAM	50	0	19.02	19.00	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.71	23.70	23.74	24.8	0
5	QPSK	1	12	23.69	23.74	23.63		
5	QPSK	1	24	23.73	23.64	23.61		
5	QPSK	12	0	22.75	22.66	22.74	23.8	1
5	QPSK	12	7	22.82	22.65	22.77		
5	QPSK	12	13	22.84	22.79	22.77		
5	QPSK	25	0	22.80	22.75	22.73		
5	16QAM	1	0	23.07	23.29	23.10	23.8	1
5	16QAM	1	12	23.13	23.07	23.23		
5	16QAM	1	24	23.08	22.82	23.05		
5	16QAM	12	0	21.86	21.73	21.81	22.8	2
5	16QAM	12	7	21.79	21.70	21.75		
5	16QAM	12	13	21.86	21.89	21.80		
5	16QAM	25	0	21.81	21.78	21.68		
5	64QAM	1	0	21.88	21.87	21.82	22.8	2
5	64QAM	1	12	21.50	22.15	21.82		
5	64QAM	1	24	21.65	21.88	21.81		
5	64QAM	12	0	20.81	20.73	20.89	21.8	3
5	64QAM	12	7	20.94	20.77	20.85		
5	64QAM	12	13	20.87	20.75	20.82		
5	64QAM	25	0	20.78	20.74	20.81		
5	256QAM	1	0	19.02	19.08	19.00	19.8	5
5	256QAM	1	12	19.15	19.06	19.10		
5	256QAM	1	24	19.00	19.03	19.04		
5	256QAM	12	0	18.95	19.01	18.97	19.8	5
5	256QAM	12	7	18.98	18.98	18.97		
5	256QAM	12	13	18.96	19.01	18.98		
5	256QAM	25	0	19.02	18.96	19.04		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.70	23.72	23.58	24.8	0
3	QPSK	1	8	23.72	23.71	23.72		
3	QPSK	1	14	23.57	23.63	23.69		
3	QPSK	8	0	22.85	22.66	22.76	23.8	1
3	QPSK	8	4	22.82	22.76	22.84		
3	QPSK	8	7	22.76	22.73	22.77		
3	QPSK	15	0	22.74	22.80	22.78		
3	16QAM	1	0	22.98	23.14	23.15	23.8	1
3	16QAM	1	8	23.23	23.21	22.43		
3	16QAM	1	14	23.01	23.17	23.24		
3	16QAM	8	0	21.87	21.69	21.83	22.8	2
3	16QAM	8	4	21.94	21.85	21.88		
3	16QAM	8	7	21.81	21.88	21.93		
3	16QAM	15	0	21.82	21.83	21.82		
3	64QAM	1	0	21.93	22.04	21.64	22.8	2
3	64QAM	1	8	22.11	22.30	21.88		
3	64QAM	1	14	22.10	21.97	22.01		
3	64QAM	8	0	20.84	20.76	20.82	21.8	3
3	64QAM	8	4	20.88	20.71	20.85		
3	64QAM	8	7	20.98	20.75	20.82		
3	64QAM	15	0	20.80	20.71	20.82		
3	256QAM	1	0	19.02	19.07	19.04	19.8	5
3	256QAM	1	8	19.10	19.10	19.07		
3	256QAM	1	14	18.98	19.02	19.02		
3	256QAM	8	0	18.97	19.00	18.96	19.8	5
3	256QAM	8	4	18.95	19.04	18.96		
3	256QAM	8	7	19.00	18.98	19.02		
3	256QAM	15	0	19.00	18.98	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.67	23.46	23.59	24.8	0
1.4	QPSK	1	3	23.72	23.70	23.74		
1.4	QPSK	1	5	23.67	23.60	23.74		
1.4	QPSK	3	0	23.73	23.69	23.74		
1.4	QPSK	3	1	23.74	23.56	23.73		
1.4	QPSK	3	3	23.68	23.70	23.72		
1.4	QPSK	6	0	22.83	22.65	22.78	23.8	1
1.4	16QAM	1	0	23.05	22.98	23.11	23.8	1
1.4	16QAM	1	3	23.20	23.08	23.35		
1.4	16QAM	1	5	23.29	22.82	23.12		
1.4	16QAM	3	0	22.91	22.69	22.96		
1.4	16QAM	3	1	22.81	22.64	22.88		
1.4	16QAM	3	3	22.88	22.66	22.78		
1.4	16QAM	6	0	21.96	21.66	21.83	22.8	2
1.4	64QAM	1	0	22.03	22.02	22.01	22.8	2
1.4	64QAM	1	3	22.12	22.07	21.92		
1.4	64QAM	1	5	21.73	21.50	22.07		
1.4	64QAM	3	0	21.99	21.61	22.14		
1.4	64QAM	3	1	21.76	21.87	21.85		
1.4	64QAM	3	3	21.77	22.10	21.98		
1.4	64QAM	6	0	20.80	20.79	20.90	21.8	3
1.4	256QAM	1	0	19.02	19.10	19.02	19.8	5
1.4	256QAM	1	3	19.15	19.10	19.05		
1.4	256QAM	1	5	19.01	18.98	18.98		
1.4	256QAM	3	0	18.98	19.00	18.96		
1.4	256QAM	3	1	18.95	19.01	18.99		
1.4	256QAM	3	3	18.93	18.98	19.00		
1.4	256QAM	6	0	19.02	18.96	19.01	19.8	5

Band 30_ANT 3(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.90		22.3	0
10	QPSK	1	25		20.85			
10	QPSK	1	49		20.84			
10	QPSK	25	0		20.88		22.3	0
10	QPSK	25	12		20.85			
10	QPSK	25	25		20.83			
10	QPSK	50	0		20.87			
10	16QAM	1	0		20.83		22.3	0
10	16QAM	1	25		20.86			
10	16QAM	1	49		20.88			
10	16QAM	25	0		20.86		22.3	0
10	16QAM	25	12		20.83			
10	16QAM	25	25		20.87			
10	16QAM	50	0		20.89			
10	64QAM	1	0		20.83		22.3	0
10	64QAM	1	25		20.84			
10	64QAM	1	49		20.88			
10	64QAM	25	0		20.57		21.8	0.5
10	64QAM	25	12		20.62			
10	64QAM	25	25		20.52			
10	64QAM	50	0		20.61			
10	256QAM	1	0		18.93		19.8	2.5
10	256QAM	1	25		18.88			
10	256QAM	1	49		18.94			
10	256QAM	25	0		18.81		19.8	2.5
10	256QAM	25	12		18.83			
10	256QAM	25	25		18.82			
10	256QAM	50	0		18.89			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.76	20.84	20.87	22.3	0
5	QPSK	1	12	20.69	20.73	20.80		
5	QPSK	1	24	20.64	20.77	20.74		
5	QPSK	12	0	20.71	20.81	20.81	22.3	0
5	QPSK	12	7	20.68	20.75	20.81		
5	QPSK	12	13	20.67	20.73	20.71		
5	QPSK	25	0	20.72	20.75	20.82		
5	16QAM	1	0	20.60	20.74	20.70	22.3	0
5	16QAM	1	12	20.67	20.77	20.80		
5	16QAM	1	24	20.73	20.82	20.76		
5	16QAM	12	0	20.68	20.78	20.74	22.3	0
5	16QAM	12	7	20.64	20.76	20.70		
5	16QAM	12	13	20.64	20.74	20.80		
5	16QAM	25	0	20.76	20.85	20.78		
5	64QAM	1	0	20.68	20.74	20.70	22.3	0
5	64QAM	1	12	20.62	20.72	20.73		
5	64QAM	1	24	20.75	20.85	20.83		
5	64QAM	12	0	20.39	20.47	20.48	21.8	0.5
5	64QAM	12	7	20.46	20.51	20.56		
5	64QAM	12	13	20.34	20.46	20.39		
5	64QAM	25	0	20.48	20.51	20.49		
5	256QAM	1	0	18.80	18.86	18.81	19.8	2.5
5	256QAM	1	12	18.72	18.83	18.82		
5	256QAM	1	24	18.78	18.90	18.88		
5	256QAM	12	0	18.66	18.69	18.74	19.8	2.5
5	256QAM	12	7	18.68	18.77	18.79		
5	256QAM	12	13	18.61	18.69	18.70		
5	256QAM	25	0	18.70	18.85	18.86		

Band 66_ANT 1(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.84	22.85	22.82	23.8	0
20	QPSK	1	49	22.83	22.74	22.77		
20	QPSK	1	99	22.78	22.79	22.79		
20	QPSK	50	0	22.20	22.21	22.13	22.8	1
20	QPSK	50	24	22.18	22.19	22.08		
20	QPSK	50	50	22.16	22.12	22.03		
20	QPSK	100	0	22.08	22.12	22.04		
20	16QAM	1	0	22.10	22.14	22.20	22.8	1
20	16QAM	1	49	22.29	22.28	22.24		
20	16QAM	1	99	22.25	22.19	22.14		
20	16QAM	50	0	21.17	21.12	21.15	21.8	2
20	16QAM	50	24	21.18	21.15	21.13		
20	16QAM	50	50	21.10	21.11	21.17		
20	16QAM	100	0	21.05	21.08	21.10		
20	64QAM	1	0	21.17	21.17	21.20	21.8	2
20	64QAM	1	49	21.19	21.22	21.26		
20	64QAM	1	99	21.22	21.18	21.19		
20	64QAM	50	0	20.09	20.05	20.09	20.8	3
20	64QAM	50	24	20.07	20.08	20.07		
20	64QAM	50	50	20.12	20.06	20.00		
20	64QAM	100	0	20.14	20.09	20.10		
20	256QAM	1	0	18.34	18.34	18.30	18.8	5
20	256QAM	1	49	18.49	18.45	18.51		
20	256QAM	1	99	18.29	18.29	18.27		
20	256QAM	50	0	18.18	18.14	18.12	18.8	5
20	256QAM	50	24	18.17	18.15	18.20		
20	256QAM	50	50	18.09	18.10	18.05		
20	256QAM	100	0	18.10	18.14	18.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.65	22.82	22.65	23.8	0
15	QPSK	1	37	22.72	22.63	22.67		
15	QPSK	1	74	22.74	22.67	22.70		
15	QPSK	36	0	22.00	22.12	22.04	22.8	1
15	QPSK	36	20	22.14	22.08	22.08		
15	QPSK	36	39	22.13	22.02	21.99		
15	QPSK	75	0	22.01	21.99	22.00		
15	16QAM	1	0	21.99	22.11	22.12	22.8	1
15	16QAM	1	37	22.18	22.23	22.13		
15	16QAM	1	74	22.15	22.16	22.03		
15	16QAM	36	0	21.10	21.04	21.12	21.8	2
15	16QAM	36	20	21.14	21.04	21.04		
15	16QAM	36	39	21.01	21.08	21.07		
15	16QAM	75	0	20.96	20.99	20.97		
15	64QAM	1	0	21.10	21.05	21.12	21.8	2
15	64QAM	1	37	21.07	21.10	21.15		
15	64QAM	1	74	21.12	21.06	21.12		
15	64QAM	36	0	20.01	19.98	19.99	20.8	3
15	64QAM	36	20	19.98	19.95	19.94		
15	64QAM	36	39	20.00	19.94	19.96		
15	64QAM	75	0	20.04	19.98	20.07		
15	256QAM	1	0	18.23	18.25	18.20	18.8	5
15	256QAM	1	37	18.45	18.39	18.42		
15	256QAM	1	74	18.26	18.24	18.23		
15	256QAM	36	0	18.11	18.02	18.06	18.8	5
15	256QAM	36	20	18.09	18.02	18.07		
15	256QAM	36	39	17.99	17.99	17.94		
15	256QAM	75	0	18.05	18.10	18.06		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.67	22.78	22.62	23.8	0
10	QPSK	1	25	22.74	22.62	22.71		
10	QPSK	1	49	22.75	22.71	22.75		
10	QPSK	25	0	22.03	22.13	22.01	22.8	1
10	QPSK	25	12	22.06	22.10	22.11		
10	QPSK	25	25	22.04	22.06	21.98		
10	QPSK	50	0	21.99	22.09	22.00		
10	16QAM	1	0	22.01	22.03	22.15	22.8	1
10	16QAM	1	25	22.23	22.21	22.11		
10	16QAM	1	49	22.12	22.08	22.03		
10	16QAM	25	0	21.07	21.07	21.07	21.8	2
10	16QAM	25	12	21.15	21.11	21.04		
10	16QAM	25	25	20.99	21.05	21.05		
10	16QAM	50	0	20.93	20.99	21.05		
10	64QAM	1	0	21.11	21.14	21.17	21.8	2
10	64QAM	1	25	21.14	21.16	21.22		
10	64QAM	1	49	21.09	21.09	21.16		
10	64QAM	25	0	19.99	19.99	19.98	20.8	3
10	64QAM	25	12	19.97	19.96	20.03		
10	64QAM	25	25	20.02	19.96	19.93		
10	64QAM	50	0	20.01	19.99	20.06		
10	256QAM	1	0	18.28	18.30	18.20	18.8	5
10	256QAM	1	25	18.39	18.40	18.44		
10	256QAM	1	49	18.20	18.16	18.21		
10	256QAM	25	0	18.08	18.06	18.02	18.8	5
10	256QAM	25	12	18.12	18.06	18.15		
10	256QAM	25	25	18.03	18.00	17.92		
10	256QAM	50	0	18.00	18.04	18.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.64	22.79	22.70	23.8	0
5	QPSK	1	12	22.75	22.67	22.74		
5	QPSK	1	24	22.72	22.69	22.68		
5	QPSK	12	0	22.09	22.18	22.05	22.8	1
5	QPSK	12	7	22.14	22.09	22.10		
5	QPSK	12	13	22.04	22.00	21.94		
5	QPSK	25	0	21.99	22.08	21.91		
5	16QAM	1	0	21.97	22.04	22.11	22.8	1
5	16QAM	1	12	22.17	22.22	22.15		
5	16QAM	1	24	22.15	22.16	22.11		
5	16QAM	12	0	21.10	21.03	21.02	21.8	2
5	16QAM	12	7	21.11	21.07	21.06		
5	16QAM	12	13	21.05	21.02	21.07		
5	16QAM	25	0	21.02	21.05	21.00		
5	64QAM	1	0	21.09	21.07	21.13	21.8	2
5	64QAM	1	12	21.14	21.12	21.15		
5	64QAM	1	24	21.15	21.13	21.16		
5	64QAM	12	0	20.03	19.93	20.05	20.8	3
5	64QAM	12	7	19.94	20.02	20.04		
5	64QAM	12	13	20.05	20.02	19.94		
5	64QAM	25	0	20.10	19.99	20.06		
5	256QAM	1	0	18.31	18.21	18.20	18.8	5
5	256QAM	1	12	18.36	18.35	18.44		
5	256QAM	1	24	18.17	18.20	18.16		
5	256QAM	12	0	18.12	18.05	18.02	18.8	5
5	256QAM	12	7	18.10	18.10	18.14		
5	256QAM	12	13	17.96	17.97	17.92		
5	256QAM	25	0	17.99	18.11	18.02		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.71	22.78	22.67	23.8	0
3	QPSK	1	8	22.73	22.71	22.64		
3	QPSK	1	14	22.73	22.76	22.76		
3	QPSK	8	0	22.03	22.13	22.02	22.8	1
3	QPSK	8	4	22.13	22.08	22.11		
3	QPSK	8	7	22.05	22.02	21.94		
3	QPSK	15	0	21.96	22.03	22.01		
3	16QAM	1	0	22.06	22.02	22.09	22.8	1
3	16QAM	1	8	22.23	22.22	22.20		
3	16QAM	1	14	22.19	22.15	22.08		
3	16QAM	8	0	21.14	21.06	21.04	21.8	2
3	16QAM	8	4	21.15	21.10	21.05		
3	16QAM	8	7	21.04	20.99	21.05		
3	16QAM	15	0	20.96	21.03	21.06		
3	64QAM	1	0	21.12	21.08	21.12	21.8	2
3	64QAM	1	8	21.06	21.10	21.20		
3	64QAM	1	14	21.10	21.15	21.15		
3	64QAM	8	0	19.96	19.99	20.02	20.8	3
3	64QAM	8	4	20.00	20.04	19.98		
3	64QAM	8	7	20.00	19.96	19.97		
3	64QAM	15	0	20.05	20.06	20.06		
3	256QAM	1	0	18.29	18.28	18.21	18.8	5
3	256QAM	1	8	18.42	18.33	18.43		
3	256QAM	1	14	18.23	18.23	18.22		
3	256QAM	8	0	18.12	18.04	17.99	18.8	5
3	256QAM	8	4	18.04	18.12	18.08		
3	256QAM	8	7	18.01	18.00	18.01		
3	256QAM	15	0	18.05	18.09	18.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.61	22.80	22.64	23.8	0
1.4	QPSK	1	3	22.76	22.63	22.64		
1.4	QPSK	1	5	22.68	22.73	22.71		
1.4	QPSK	3	0	22.65	22.75	22.75		
1.4	QPSK	3	1	22.65	22.70	22.71		
1.4	QPSK	3	3	22.73	22.70	22.66		
1.4	QPSK	6	0	21.95	21.99	22.00	22.8	1
1.4	16QAM	1	0	21.99	22.06	22.08	22.8	1
1.4	16QAM	1	3	22.22	22.15	22.12		
1.4	16QAM	1	5	22.19	22.14	22.07		
1.4	16QAM	3	0	22.11	22.07	22.17		
1.4	16QAM	3	1	22.14	22.07	22.06		
1.4	16QAM	3	3	22.13	22.12	22.08		
1.4	16QAM	6	0	21.02	21.01	21.07	21.8	2
1.4	64QAM	1	0	21.12	21.08	21.15	21.8	2
1.4	64QAM	1	3	21.06	21.12	21.14		
1.4	64QAM	1	5	21.12	21.11	21.10		
1.4	64QAM	3	0	21.03	21.14	21.05		
1.4	64QAM	3	1	21.13	21.14	21.16		
1.4	64QAM	3	3	21.11	21.12	21.12		
1.4	64QAM	6	0	20.01	19.98	20.06	20.8	3
1.4	256QAM	1	0	18.31	18.21	18.24	18.8	5
1.4	256QAM	1	3	18.40	18.35	18.39		
1.4	256QAM	1	5	18.23	18.17	18.21		
1.4	256QAM	3	0	18.11	18.07	18.08		
1.4	256QAM	3	1	18.07	18.09	18.09		
1.4	256QAM	3	3	18.04	17.98	17.94		
1.4	256QAM	6	0	18.03	18.06	18.09	18.8	5

Band 66_ANT 3(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.88	20.95	20.92	22	0
20	QPSK	1	49	20.84	20.85	20.91		
20	QPSK	1	99	20.80	20.90	20.84		
20	QPSK	50	0	20.86	20.92	20.84	22	0
20	QPSK	50	24	20.85	20.84	20.80		
20	QPSK	50	50	20.80	20.87	20.80		
20	QPSK	100	0	20.88	20.91	20.82		
20	16QAM	1	0	20.85	20.80	20.93	22	0
20	16QAM	1	49	20.87	20.82	20.89		
20	16QAM	1	99	20.93	20.93	20.93		
20	16QAM	50	0	20.83	20.81	20.82	22	0
20	16QAM	50	24	20.91	20.92	20.89		
20	16QAM	50	50	20.88	20.91	20.81		
20	16QAM	100	0	20.81	20.81	20.92		
20	64QAM	1	0	20.84	20.92	20.85	22	0
20	64QAM	1	49	20.89	20.91	20.85		
20	64QAM	1	99	20.81	20.87	20.87		
20	64QAM	50	0	20.82	20.93	20.88	21.8	0.2
20	64QAM	50	24	20.88	20.88	20.87		
20	64QAM	50	50	20.86	20.85	20.90		
20	64QAM	100	0	20.81	20.84	20.89		
20	256QAM	1	0	19.03	19.06	18.96	19.8	2.2
20	256QAM	1	49	19.06	19.07	18.97		
20	256QAM	1	99	19.01	19.07	19.00		
20	256QAM	50	0	18.96	18.96	18.95	19.8	2.2
20	256QAM	50	24	18.83	18.89	18.91		
20	256QAM	50	50	18.90	18.84	18.86		
20	256QAM	100	0	18.85	18.97	18.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.77	20.88	20.80	22	0
15	QPSK	1	37	20.72	20.77	20.81		
15	QPSK	1	74	20.74	20.83	20.73		
15	QPSK	36	0	20.75	20.83	20.79	22	0
15	QPSK	36	20	20.75	20.77	20.74		
15	QPSK	36	39	20.76	20.81	20.73		
15	QPSK	75	0	20.80	20.86	20.77		
15	16QAM	1	0	20.72	20.74	20.80	22	0
15	16QAM	1	37	20.77	20.69	20.79		
15	16QAM	1	74	20.88	20.85	20.87		
15	16QAM	36	0	20.77	20.77	20.73	22	0
15	16QAM	36	20	20.83	20.84	20.85		
15	16QAM	36	39	20.80	20.80	20.75		
15	16QAM	75	0	20.77	20.78	20.80		
15	64QAM	1	0	20.74	20.81	20.81	22	0
15	64QAM	1	37	20.82	20.83	20.74		
15	64QAM	1	74	20.70	20.74	20.79		
15	64QAM	36	0	20.69	20.83	20.75	21.8	0.2
15	64QAM	36	20	20.83	20.85	20.82		
15	64QAM	36	39	20.82	20.81	20.78		
15	64QAM	75	0	20.75	20.74	20.76		
15	256QAM	1	0	19.00	19.00	18.83	19.8	2.2
15	256QAM	1	37	18.98	18.96	18.91		
15	256QAM	1	74	18.97	19.02	18.96		
15	256QAM	36	0	18.86	18.83	18.92	19.8	2.2
15	256QAM	36	20	18.73	18.85	18.81		
15	256QAM	36	39	18.83	18.76	18.80		
15	256QAM	75	0	18.80	18.85	18.82		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.85	20.91	20.78	22	0
10	QPSK	1	25	20.76	20.82	20.81		
10	QPSK	1	49	20.72	20.85	20.73		
10	QPSK	25	0	20.76	20.82	20.76	22	0
10	QPSK	25	12	20.74	20.72	20.68		
10	QPSK	25	25	20.77	20.74	20.74		
10	QPSK	50	0	20.77	20.84	20.79		
10	16QAM	1	0	20.82	20.77	20.89	22	0
10	16QAM	1	25	20.74	20.76	20.78		
10	16QAM	1	49	20.86	20.84	20.82		
10	16QAM	25	0	20.78	20.70	20.75	22	0
10	16QAM	25	12	20.82	20.89	20.80		
10	16QAM	25	25	20.85	20.78	20.72		
10	16QAM	50	0	20.73	20.68	20.87		
10	64QAM	1	0	20.75	20.81	20.75	22	0
10	64QAM	1	25	20.79	20.82	20.81		
10	64QAM	1	49	20.72	20.84	20.83		
10	64QAM	25	0	20.75	20.83	20.82	21.8	0.2
10	64QAM	25	12	20.80	20.77	20.81		
10	64QAM	25	25	20.75	20.82	20.82		
10	64QAM	50	0	20.72	20.81	20.84		
10	256QAM	1	0	18.95	18.98	18.93	19.8	2.2
10	256QAM	1	25	18.96	18.99	18.85		
10	256QAM	1	49	18.95	18.96	18.96		
10	256QAM	25	0	18.83	18.90	18.92	19.8	2.2
10	256QAM	25	12	18.80	18.80	18.79		
10	256QAM	25	25	18.82	18.78	18.78		
10	256QAM	50	0	18.79	18.88	18.74		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.82	20.90	20.80	22	0
5	QPSK	1	12	20.79	20.82	20.78		
5	QPSK	1	24	20.74	20.79	20.72		
5	QPSK	12	0	20.81	20.84	20.81	22	0
5	QPSK	12	7	20.82	20.76	20.77		
5	QPSK	12	13	20.75	20.74	20.71		
5	QPSK	25	0	20.82	20.81	20.71		
5	16QAM	1	0	20.80	20.77	20.89	22	0
5	16QAM	1	12	20.76	20.79	20.81		
5	16QAM	1	24	20.83	20.88	20.81		
5	16QAM	12	0	20.72	20.70	20.75	22	0
5	16QAM	12	7	20.83	20.88	20.81		
5	16QAM	12	13	20.78	20.80	20.75		
5	16QAM	25	0	20.78	20.78	20.82		
5	64QAM	1	0	20.75	20.87	20.79	22	0
5	64QAM	1	12	20.84	20.78	20.75		
5	64QAM	1	24	20.76	20.79	20.77		
5	64QAM	12	0	20.74	20.84	20.77	21.8	0.2
5	64QAM	12	7	20.81	20.80	20.84		
5	64QAM	12	13	20.78	20.77	20.79		
5	64QAM	25	0	20.78	20.78	20.85		
5	256QAM	1	0	18.93	19.01	18.83	19.8	2.2
5	256QAM	1	12	18.94	19.02	18.88		
5	256QAM	1	24	18.94	19.04	18.88		
5	256QAM	12	0	18.90	18.88	18.88	19.8	2.2
5	256QAM	12	7	18.72	18.78	18.78		
5	256QAM	12	13	18.84	18.76	18.76		
5	256QAM	25	0	18.80	18.84	18.83		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.81	20.91	20.72	22	0
3	QPSK	1	8	20.76	20.74	20.84		
3	QPSK	1	14	20.68	20.87	20.81		
3	QPSK	8	0	20.75	20.85	20.73	22	0
3	QPSK	8	4	20.80	20.75	20.73		
3	QPSK	8	7	20.67	20.84	20.67		
3	QPSK	15	0	20.85	20.84	20.79		
3	16QAM	1	0	20.77	20.68	20.89	22	0
3	16QAM	1	8	20.83	20.79	20.86		
3	16QAM	1	14	20.89	20.90	20.86		
3	16QAM	8	0	20.79	20.68	20.79	22	0
3	16QAM	8	4	20.86	20.79	20.85		
3	16QAM	8	7	20.85	20.82	20.78		
3	16QAM	15	0	20.75	20.75	20.81		
3	64QAM	1	0	20.71	20.82	20.75	22	0
3	64QAM	1	8	20.86	20.81	20.73		
3	64QAM	1	14	20.69	20.81	20.80		
3	64QAM	8	0	20.71	20.80	20.76	21.8	0.2
3	64QAM	8	4	20.82	20.85	20.83		
3	64QAM	8	7	20.74	20.79	20.77		
3	64QAM	15	0	20.70	20.74	20.76		
3	256QAM	1	0	18.92	18.97	18.84	19.8	2.2
3	256QAM	1	8	18.94	19.04	18.92		
3	256QAM	1	14	18.91	19.04	18.94		
3	256QAM	8	0	18.88	18.83	18.86	19.8	2.2
3	256QAM	8	4	18.80	18.81	18.84		
3	256QAM	8	7	18.80	18.79	18.83		
3	256QAM	15	0	18.73	18.92	18.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.82	20.92	20.70	22	0
1.4	QPSK	1	3	20.74	20.73	20.80		
1.4	QPSK	1	5	20.71	20.82	20.81		
1.4	QPSK	3	0	20.78	20.82	20.78		
1.4	QPSK	3	1	20.76	20.71	20.69		
1.4	QPSK	3	3	20.72	20.80	20.68		
1.4	QPSK	6	0	20.75	20.87	20.76	22	0
1.4	16QAM	1	0	20.73	20.72	20.82	22	0
1.4	16QAM	1	3	20.74	20.69	20.76		
1.4	16QAM	1	5	20.82	20.85	20.88		
1.4	16QAM	3	0	20.78	20.68	20.79		
1.4	16QAM	3	1	20.78	20.84	20.81		
1.4	16QAM	3	3	20.79	20.85	20.70		
1.4	16QAM	6	0	20.69	20.70	20.89	22	0
1.4	64QAM	1	0	20.75	20.81	20.72	22	0
1.4	64QAM	1	3	20.82	20.79	20.82		
1.4	64QAM	1	5	20.77	20.84	20.77		
1.4	64QAM	3	0	20.76	20.85	20.76		
1.4	64QAM	3	1	20.80	20.83	20.75		
1.4	64QAM	3	3	20.80	20.76	20.83		
1.4	64QAM	6	0	20.71	20.73	20.76	21.8	0.2
1.4	256QAM	1	0	18.96	18.93	18.83	19.8	2.2
1.4	256QAM	1	3	18.98	19.02	18.84		
1.4	256QAM	1	5	18.91	19.04	18.96		
1.4	256QAM	3	0	18.84	18.86	18.83		
1.4	256QAM	3	1	18.78	18.85	18.86		
1.4	256QAM	3	3	18.83	18.74	18.76		
1.4	256QAM	6	0	18.78	18.90	18.74	19.8	2.2

Band 71_ANT 1(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.00	24.15	24.10	24.8	0
20	QPSK	1	49	23.98	23.99	24.09		
20	QPSK	1	99	23.96	23.98	23.89		
20	QPSK	50	0	23.08	23.10	23.07	23.8	1
20	QPSK	50	24	23.08	22.94	23.00		
20	QPSK	50	50	23.08	22.90	23.04		
20	QPSK	100	0	23.02	23.07	23.00		
20	16QAM	1	0	23.15	23.41	23.36	23.8	1
20	16QAM	1	49	23.25	23.47	23.38		
20	16QAM	1	99	23.20	23.14	23.01		
20	16QAM	50	0	21.95	22.10	22.11	22.8	2
20	16QAM	50	24	22.12	22.04	22.08		
20	16QAM	50	50	22.07	21.98	22.03		
20	16QAM	100	0	22.09	22.10	21.96		
20	64QAM	1	0	22.20	22.26	22.25	22.8	2
20	64QAM	1	49	22.15	22.22	22.10		
20	64QAM	1	99	22.09	22.19	22.17		
20	64QAM	50	0	20.97	21.14	21.04	21.8	3
20	64QAM	50	24	21.05	21.02	21.02		
20	64QAM	50	50	21.08	21.00	20.88		
20	64QAM	100	0	21.06	21.13	20.94		
20	256QAM	1	0	18.99	19.11	19.07	19.8	5
20	256QAM	1	49	19.10	19.20	19.18		
20	256QAM	1	99	19.26	19.21	19.17		
20	256QAM	50	0	19.02	19.12	19.06	19.8	5
20	256QAM	50	24	19.09	19.05	19.06		
20	256QAM	50	50	19.08	19.07	19.05		
20	256QAM	100	0	19.11	19.14	19.10		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.98	23.99	24.01	24.8	0
15	QPSK	1	37	24.08	24.10	23.96		
15	QPSK	1	74	24.01	24.00	24.08		
15	QPSK	36	0	23.06	23.09	23.05	23.8	1
15	QPSK	36	20	23.08	23.02	23.01		
15	QPSK	36	39	23.01	23.06	22.98		
15	QPSK	75	0	23.09	23.03	23.00		
15	16QAM	1	0	23.30	23.24	23.28	23.8	1
15	16QAM	1	37	23.14	23.22	23.16		
15	16QAM	1	74	23.13	23.11	23.07		
15	16QAM	36	0	22.06	22.07	22.10	22.8	2
15	16QAM	36	20	22.13	22.10	22.05		
15	16QAM	36	39	22.06	22.07	22.01		
15	16QAM	75	0	22.10	22.04	22.03		
15	64QAM	1	0	22.14	22.25	22.11	22.8	2
15	64QAM	1	37	22.16	22.22	22.15		
15	64QAM	1	74	22.08	22.17	22.09		
15	64QAM	36	0	21.01	21.05	21.07	21.8	3
15	64QAM	36	20	21.06	21.03	21.02		
15	64QAM	36	39	20.98	21.01	21.00		
15	64QAM	75	0	21.09	21.10	21.04		
15	256QAM	1	0	18.98	19.06	19.14	19.8	5
15	256QAM	1	37	19.11	19.16	19.20		
15	256QAM	1	74	19.25	19.21	19.19		
15	256QAM	36	0	19.00	19.07	19.08	19.8	5
15	256QAM	36	20	19.08	19.04	19.04		
15	256QAM	36	39	19.08	19.04	19.09		
15	256QAM	75	0	19.13	19.13	19.13		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	24.06	24.10	24.09	24.8	0
10	QPSK	1	25	24.11	24.10	24.11		
10	QPSK	1	49	24.13	24.11	24.03		
10	QPSK	25	0	23.11	23.13	23.07	23.8	1
10	QPSK	25	12	23.15	23.24	23.13		
10	QPSK	25	25	23.16	23.17	23.14		
10	QPSK	50	0	23.20	23.23	23.05		
10	16QAM	1	0	23.21	23.26	23.31	23.8	1
10	16QAM	1	25	23.33	23.34	23.31		
10	16QAM	1	49	23.25	23.18	23.11		
10	16QAM	25	0	22.20	22.16	22.15	22.8	2
10	16QAM	25	12	22.17	22.20	22.14		
10	16QAM	25	25	22.19	22.21	22.17		
10	16QAM	50	0	22.18	22.20	22.15		
10	64QAM	1	0	22.23	22.26	22.29	22.8	2
10	64QAM	1	25	22.32	22.33	22.25		
10	64QAM	1	49	22.28	22.22	22.24		
10	64QAM	25	0	21.19	21.17	21.13	21.8	3
10	64QAM	25	12	21.18	21.27	21.11		
10	64QAM	25	25	21.21	21.29	21.20		
10	64QAM	50	0	21.09	21.19	21.06		
10	256QAM	1	0	18.97	19.04	19.11	19.8	5
10	256QAM	1	25	19.10	19.22	19.16		
10	256QAM	1	49	19.28	19.20	19.19		
10	256QAM	25	0	19.05	19.07	19.10	19.8	5
10	256QAM	25	12	19.10	19.05	19.02		
10	256QAM	25	25	19.08	19.04	19.06		
10	256QAM	50	0	19.13	19.12	19.13		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.12	24.09	24.06	24.8	0
5	QPSK	1	12	24.07	24.10	24.08		
5	QPSK	1	24	24.11	24.07	24.05		
5	QPSK	12	0	23.10	23.11	23.08	23.8	1
5	QPSK	12	7	23.15	23.19	23.17		
5	QPSK	12	13	23.12	23.20	23.15		
5	QPSK	25	0	23.19	23.16	23.17		
5	16QAM	1	0	23.27	23.25	23.25	23.8	1
5	16QAM	1	12	23.33	23.27	23.26		
5	16QAM	1	24	23.26	23.29	23.14		
5	16QAM	12	0	22.13	22.18	22.11	22.8	2
5	16QAM	12	7	22.22	22.27	22.24		
5	16QAM	12	13	22.15	22.20	22.17		
5	16QAM	25	0	22.17	22.22	22.15		
5	64QAM	1	0	22.27	22.24	22.23	22.8	2
5	64QAM	1	12	22.20	22.32	22.28		
5	64QAM	1	24	22.18	22.19	22.18		
5	64QAM	12	0	21.17	21.13	21.14	21.8	3
5	64QAM	12	7	21.24	21.29	21.18		
5	64QAM	12	13	21.18	21.15	21.19		
5	64QAM	25	0	21.17	21.19	21.17		
5	256QAM	1	0	19.01	19.09	19.14	19.8	5
5	256QAM	1	12	19.13	19.21	19.17		
5	256QAM	1	24	19.22	19.20	19.24		
5	256QAM	12	0	18.99	19.08	19.12	19.8	5
5	256QAM	12	7	19.08	19.06	19.06		
5	256QAM	12	13	19.06	19.04	19.04		
5	256QAM	25	0	19.07	19.09	19.12		

Band 2_ANT 3(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.90	19.92	19.88	21.3	0
20	QPSK	1	49	19.87	19.82	19.79		
20	QPSK	1	99	19.79	19.89	19.79		
20	QPSK	50	0	19.85	19.90	19.83	21.3	0
20	QPSK	50	24	19.78	19.88	19.80		
20	QPSK	50	50	19.84	19.86	19.81		
20	QPSK	100	0	19.77	19.88	19.82		
20	16QAM	1	0	19.82	19.83	19.83	21.3	0
20	16QAM	1	49	19.87	19.87	19.86		
20	16QAM	1	99	19.86	19.85	19.77		
20	16QAM	50	0	19.88	19.81	19.88	21.3	0
20	16QAM	50	24	19.88	19.83	19.83		
20	16QAM	50	50	19.84	19.82	19.78		
20	16QAM	100	0	19.86	19.85	19.77		
20	64QAM	1	0	19.77	19.78	19.84	21.3	0
20	64QAM	1	49	19.89	19.88	19.79		
20	64QAM	1	99	19.85	19.79	19.90		
20	64QAM	50	0	19.84	19.79	19.81	21.3	0
20	64QAM	50	24	19.78	19.81	19.86		
20	64QAM	50	50	19.86	19.85	19.77		
20	64QAM	100	0	19.88	19.88	19.79		
20	256QAM	1	0	19.00	18.94	18.93	19.8	1.5
20	256QAM	1	49	18.99	18.89	18.99		
20	256QAM	1	99	18.99	18.89	19.01		
20	256QAM	50	0	18.89	18.92	18.85	19.8	1.5
20	256QAM	50	24	18.90	18.93	18.90		
20	256QAM	50	50	18.94	18.83	18.89		
20	256QAM	100	0	18.88	18.84	18.92		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.75	19.82	19.85	21.3	0
15	QPSK	1	37	19.83	19.75	19.71		
15	QPSK	1	74	19.70	19.83	19.66		
15	QPSK	36	0	19.74	19.79	19.66	21.3	0
15	QPSK	36	20	19.69	19.76	19.84		
15	QPSK	36	39	19.81	19.77	19.82		
15	QPSK	75	0	19.72	19.76	19.77		
15	16QAM	1	0	19.74	19.73	19.79	21.3	0
15	16QAM	1	37	19.81	19.84	19.76		
15	16QAM	1	74	19.74	19.78	19.70		
15	16QAM	36	0	19.76	19.71	19.79	21.3	0
15	16QAM	36	20	19.75	19.72	19.78		
15	16QAM	36	39	19.76	19.75	19.70		
15	16QAM	75	0	19.76	19.82	19.64		
15	64QAM	1	0	19.74	19.70	19.71	21.3	0
15	64QAM	1	37	19.80	19.84	19.76		
15	64QAM	1	74	19.78	19.73	19.85		
15	64QAM	36	0	19.73	19.72	19.74	21.3	0
15	64QAM	36	20	19.75	19.73	19.81		
15	64QAM	36	39	19.75	19.73	19.72		
15	64QAM	75	0	19.81	19.82	19.69		
15	256QAM	1	0	18.97	18.81	18.87	19.8	1.5
15	256QAM	1	37	18.90	18.82	18.87		
15	256QAM	1	74	18.87	18.76	18.97		
15	256QAM	36	0	18.86	18.85	18.79	19.8	1.5
15	256QAM	36	20	18.87	18.80	18.81		
15	256QAM	36	39	18.91	18.74	18.76		
15	256QAM	75	0	18.85	18.76	18.87		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.79	19.83	19.84	21.3	0
10	QPSK	1	25	19.75	19.75	19.72		
10	QPSK	1	49	19.73	19.80	19.76		
10	QPSK	25	0	19.70	19.83	19.73	21.3	0
10	QPSK	25	12	19.73	19.81	19.86		
10	QPSK	25	25	19.77	19.81	19.86		
10	QPSK	50	0	19.66	19.76	19.79		
10	16QAM	1	0	19.74	19.71	19.72	21.3	0
10	16QAM	1	25	19.79	19.78	19.76		
10	16QAM	1	49	19.78	19.82	19.74		
10	16QAM	25	0	19.76	19.78	19.83	21.3	0
10	16QAM	25	12	19.82	19.75	19.80		
10	16QAM	25	25	19.71	19.76	19.70		
10	16QAM	50	0	19.74	19.76	19.70		
10	64QAM	1	0	19.73	19.66	19.72	21.3	0
10	64QAM	1	25	19.82	19.83	19.75		
10	64QAM	1	49	19.74	19.72	19.77		
10	64QAM	25	0	19.80	19.66	19.76	21.3	0
10	64QAM	25	12	19.75	19.68	19.75		
10	64QAM	25	25	19.79	19.74	19.67		
10	64QAM	50	0	19.77	19.85	19.76		
10	256QAM	1	0	18.94	18.84	18.81	19.8	1.5
10	256QAM	1	25	18.92	18.84	18.92		
10	256QAM	1	49	18.94	18.83	18.91		
10	256QAM	25	0	18.77	18.84	18.78	19.8	1.5
10	256QAM	25	12	18.83	18.86	18.84		
10	256QAM	25	25	18.86	18.75	18.79		
10	256QAM	50	0	18.80	18.81	18.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.75	19.82	19.76	21.3	0
5	QPSK	1	12	19.76	19.72	19.71		
5	QPSK	1	24	19.76	19.79	19.68		
5	QPSK	12	0	19.75	19.81	19.68	21.3	0
5	QPSK	12	7	19.71	19.81	19.78		
5	QPSK	12	13	19.80	19.81	19.78		
5	QPSK	25	0	19.67	19.79	19.79		
5	16QAM	1	0	19.78	19.72	19.72	21.3	0
5	16QAM	1	12	19.83	19.80	19.76		
5	16QAM	1	24	19.80	19.78	19.73		
5	16QAM	12	0	19.81	19.75	19.84	21.3	0
5	16QAM	12	7	19.82	19.72	19.72		
5	16QAM	12	13	19.74	19.73	19.75		
5	16QAM	25	0	19.79	19.82	19.69		
5	64QAM	1	0	19.74	19.72	19.72	21.3	0
5	64QAM	1	12	19.85	19.75	19.73		
5	64QAM	1	24	19.80	19.70	19.77		
5	64QAM	12	0	19.75	19.76	19.76	21.3	0
5	64QAM	12	7	19.72	19.77	19.74		
5	64QAM	12	13	19.79	19.76	19.66		
5	64QAM	25	0	19.85	19.75	19.70		
5	256QAM	1	0	18.97	18.84	18.82	19.8	1.5
5	256QAM	1	12	18.87	18.80	18.86		
5	256QAM	1	24	18.92	18.86	18.93		
5	256QAM	12	0	18.85	18.83	18.77	19.8	1.5
5	256QAM	12	7	18.80	18.85	18.82		
5	256QAM	12	13	18.86	18.72	18.78		
5	256QAM	25	0	18.82	18.77	18.86		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.73	19.80	19.85	21.3	0
3	QPSK	1	8	19.78	19.75	19.72		
3	QPSK	1	14	19.71	19.79	19.73		
3	QPSK	8	0	19.66	19.81	19.70	21.3	0
3	QPSK	8	4	19.71	19.81	19.84		
3	QPSK	8	7	19.75	19.76	19.85		
3	QPSK	15	0	19.67	19.78	19.75		
3	16QAM	1	0	19.75	19.74	19.77	21.3	0
3	16QAM	1	8	19.77	19.84	19.83		
3	16QAM	1	14	19.73	19.77	19.73		
3	16QAM	8	0	19.83	19.75	19.81	21.3	0
3	16QAM	8	4	19.76	19.71	19.76		
3	16QAM	8	7	19.75	19.70	19.67		
3	16QAM	15	0	19.79	19.82	19.71		
3	64QAM	1	0	19.65	19.65	19.75	21.3	0
3	64QAM	1	8	19.79	19.85	19.72		
3	64QAM	1	14	19.78	19.75	19.83		
3	64QAM	8	0	19.74	19.71	19.78	21.3	0
3	64QAM	8	4	19.69	19.72	19.73		
3	64QAM	8	7	19.75	19.81	19.73		
3	64QAM	15	0	19.82	19.78	19.75		
3	256QAM	1	0	18.89	18.88	18.86	19.8	1.5
3	256QAM	1	8	18.87	18.81	18.92		
3	256QAM	1	14	18.89	18.86	18.94		
3	256QAM	8	0	18.86	18.80	18.76	19.8	1.5
3	256QAM	8	4	18.81	18.83	18.84		
3	256QAM	8	7	18.90	18.73	18.79		
3	256QAM	15	0	18.81	18.76	18.81		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.80	19.86	19.75	21.3	0
1.4	QPSK	1	3	19.79	19.74	19.73		
1.4	QPSK	1	5	19.66	19.79	19.71		
1.4	QPSK	3	0	19.72	19.77	19.74		
1.4	QPSK	3	1	19.70	19.82	19.80		
1.4	QPSK	3	3	19.80	19.82	19.80		
1.4	QPSK	6	0	19.70	19.84	19.82	21.3	0
1.4	16QAM	1	0	19.76	19.70	19.72	21.3	0
1.4	16QAM	1	3	19.81	19.76	19.81		
1.4	16QAM	1	5	19.82	19.81	19.66		
1.4	16QAM	3	0	19.84	19.70	19.80		
1.4	16QAM	3	1	19.82	19.79	19.79		
1.4	16QAM	3	3	19.77	19.70	19.74		
1.4	16QAM	6	0	19.74	19.76	19.65	21.3	0
1.4	64QAM	1	0	19.68	19.70	19.71	21.3	0
1.4	64QAM	1	3	19.78	19.82	19.66		
1.4	64QAM	1	5	19.75	19.76	19.86		
1.4	64QAM	3	0	19.75	19.72	19.73		
1.4	64QAM	3	1	19.66	19.69	19.79		
1.4	64QAM	3	3	19.81	19.77	19.70		
1.4	64QAM	6	0	19.77	19.85	19.70	21.3	0
1.4	256QAM	1	0	18.90	18.83	18.84	19.8	1.5
1.4	256QAM	1	3	18.96	18.80	18.90		
1.4	256QAM	1	5	18.93	18.84	18.88		
1.4	256QAM	3	0	18.84	18.85	18.75		
1.4	256QAM	3	1	18.81	18.82	18.78		
1.4	256QAM	3	3	18.82	18.80	18.81		
1.4	256QAM	6	0	18.83	18.72	18.81	19.8	1.5

Band 4_ANT 1(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.21	21.26	21.20	22.3	0
20	QPSK	1	49	21.19	21.07	21.19		
20	QPSK	1	99	21.14	21.17	21.04		
20	QPSK	50	0	21.17	21.23	21.17	22.3	0
20	QPSK	50	24	21.07	21.14	21.10		
20	QPSK	50	50	21.09	21.11	21.16		
20	QPSK	100	0	21.18	21.21	21.16		
20	16QAM	1	0	21.10	21.13	21.10	22.3	0
20	16QAM	1	49	21.11	21.10	21.18		
20	16QAM	1	99	21.17	21.12	21.09		
20	16QAM	50	0	20.68	20.72	20.57	21.8	0.5
20	16QAM	50	24	20.66	20.64	20.62		
20	16QAM	50	50	20.62	20.65	20.63		
20	16QAM	100	0	20.56	20.74	20.56		
20	64QAM	1	0	20.61	20.61	20.59	21.8	0.5
20	64QAM	1	49	20.67	20.65	20.65		
20	64QAM	1	99	20.65	20.68	20.63		
20	64QAM	50	0	19.97	19.98	20.00	20.8	1.5
20	64QAM	50	24	19.90	19.96	19.95		
20	64QAM	50	50	19.93	19.91	20.01		
20	64QAM	100	0	20.03	19.96	19.84		
20	256QAM	1	0	18.32	18.34	18.35	18.8	3.5
20	256QAM	1	49	18.32	18.26	18.34		
20	256QAM	1	99	18.32	18.35	18.23		
20	256QAM	50	0	17.99	18.12	18.03	18.8	3.5
20	256QAM	50	24	17.94	17.98	18.01		
20	256QAM	50	50	18.00	17.93	17.96		
20	256QAM	100	0	18.03	18.11	18.09		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.05	21.20	21.05	22.3	0
15	QPSK	1	37	21.08	20.95	21.07		
15	QPSK	1	74	21.06	21.11	20.97		
15	QPSK	36	0	21.11	21.10	21.10	22.3	0
15	QPSK	36	20	20.95	21.10	20.97		
15	QPSK	36	39	21.00	21.04	21.04		
15	QPSK	75	0	21.05	21.08	21.05		
15	16QAM	1	0	21.04	21.07	21.01	22.3	0
15	16QAM	1	37	21.06	21.05	21.08		
15	16QAM	1	74	21.06	21.01	21.04		
15	16QAM	36	0	20.56	20.59	20.47	21.8	0.5
15	16QAM	36	20	20.58	20.60	20.49		
15	16QAM	36	39	20.49	20.54	20.56		
15	16QAM	75	0	20.44	20.61	20.48		
15	64QAM	1	0	20.54	20.56	20.55	21.8	0.5
15	64QAM	1	37	20.61	20.58	20.52		
15	64QAM	1	74	20.57	20.64	20.54		
15	64QAM	36	0	19.93	19.93	19.97	20.8	1.5
15	64QAM	36	20	19.85	19.85	19.84		
15	64QAM	36	39	19.82	19.83	19.95		
15	64QAM	75	0	19.93	19.88	19.79		
15	256QAM	1	0	18.20	18.24	18.27	18.8	3.5
15	256QAM	1	37	18.22	18.16	18.24		
15	256QAM	1	74	18.29	18.22	18.13		
15	256QAM	36	0	17.88	18.02	18.00	18.8	3.5
15	256QAM	36	20	17.83	17.93	17.92		
15	256QAM	36	39	17.97	17.85	17.87		
15	256QAM	75	0	17.91	18.06	18.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.08	21.22	21.06	22.3	0
10	QPSK	1	25	21.16	21.02	21.08		
10	QPSK	1	49	21.10	21.10	21.01		
10	QPSK	25	0	21.10	21.16	21.10	22.3	0
10	QPSK	25	12	20.98	21.09	21.02		
10	QPSK	25	25	20.99	21.01	21.06		
10	QPSK	50	0	21.06	21.12	21.04		
10	16QAM	1	0	20.98	21.06	21.03	22.3	0
10	16QAM	1	25	21.08	21.04	21.06		
10	16QAM	1	49	21.11	21.01	21.03		
10	16QAM	25	0	20.57	20.65	20.45	21.8	0.5
10	16QAM	25	12	20.59	20.54	20.50		
10	16QAM	25	25	20.50	20.62	20.52		
10	16QAM	50	0	20.50	20.62	20.49		
10	64QAM	1	0	20.56	20.58	20.47	21.8	0.5
10	64QAM	1	25	20.60	20.56	20.54		
10	64QAM	1	49	20.56	20.61	20.55		
10	64QAM	25	0	19.90	19.87	19.89	20.8	1.5
10	64QAM	25	12	19.87	19.83	19.83		
10	64QAM	25	25	19.80	19.87	19.88		
10	64QAM	50	0	19.94	19.91	19.80		
10	256QAM	1	0	18.28	18.25	18.27	18.8	3.5
10	256QAM	1	25	18.28	18.23	18.31		
10	256QAM	1	49	18.20	18.30	18.17		
10	256QAM	25	0	17.92	18.02	17.93	18.8	3.5
10	256QAM	25	12	17.81	17.93	17.90		
10	256QAM	25	25	17.89	17.83	17.93		
10	256QAM	50	0	17.97	17.99	18.04		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.25	21.07	22.3	0
5	QPSK	1	12	21.16	21.00	21.06		
5	QPSK	1	24	21.09	21.05	20.92		
5	QPSK	12	0	21.04	21.20	21.12	22.3	0
5	QPSK	12	7	20.97	21.11	20.97		
5	QPSK	12	13	21.00	21.01	21.11		
5	QPSK	25	0	21.08	21.15	21.08		
5	16QAM	1	0	21.01	21.00	21.07	22.3	0
5	16QAM	1	12	21.06	21.02	21.07		
5	16QAM	1	24	21.10	21.05	21.02		
5	16QAM	12	0	20.55	20.61	20.48	21.8	0.5
5	16QAM	12	7	20.63	20.59	20.54		
5	16QAM	12	13	20.55	20.59	20.53		
5	16QAM	25	0	20.52	20.64	20.48		
5	64QAM	1	0	20.54	20.56	20.46	21.8	0.5
5	64QAM	1	12	20.54	20.60	20.57		
5	64QAM	1	24	20.52	20.58	20.55		
5	64QAM	12	0	19.93	19.88	19.89	20.8	1.5
5	64QAM	12	7	19.77	19.89	19.83		
5	64QAM	12	13	19.81	19.82	19.97		
5	64QAM	25	0	19.94	19.84	19.71		
5	256QAM	1	0	18.26	18.28	18.28	18.8	3.5
5	256QAM	1	12	18.27	18.20	18.31		
5	256QAM	1	24	18.20	18.22	18.14		
5	256QAM	12	0	17.95	18.03	17.97	18.8	3.5
5	256QAM	12	7	17.88	17.91	17.93		
5	256QAM	12	13	17.89	17.90	17.87		
5	256QAM	25	0	17.95	18.00	17.99		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.05	21.21	21.08	22.3	0
3	QPSK	1	8	21.07	21.01	21.12		
3	QPSK	1	14	21.01	21.11	20.93		
3	QPSK	8	0	21.08	21.12	21.06	22.3	0
3	QPSK	8	4	21.00	21.05	21.05		
3	QPSK	8	7	21.00	21.04	21.05		
3	QPSK	15	0	21.11	21.12	21.13		
3	16QAM	1	0	21.07	21.06	21.00	22.3	0
3	16QAM	1	8	21.05	21.00	21.05		
3	16QAM	1	14	21.12	21.06	21.04		
3	16QAM	8	0	20.64	20.60	20.53	21.8	0.5
3	16QAM	8	4	20.62	20.60	20.55		
3	16QAM	8	7	20.53	20.59	20.59		
3	16QAM	15	0	20.46	20.63	20.44		
3	64QAM	1	0	20.51	20.48	20.53	21.8	0.5
3	64QAM	1	8	20.61	20.54	20.55		
3	64QAM	1	14	20.58	20.60	20.58		
3	64QAM	8	0	19.85	19.88	19.87	20.8	1.5
3	64QAM	8	4	19.86	19.87	19.83		
3	64QAM	8	7	19.84	19.85	19.98		
3	64QAM	15	0	19.96	19.87	19.76		
3	256QAM	1	0	18.24	18.22	18.32	18.8	3.5
3	256QAM	1	8	18.27	18.13	18.26		
3	256QAM	1	14	18.19	18.25	18.18		
3	256QAM	8	0	17.92	18.02	17.92	18.8	3.5
3	256QAM	8	4	17.87	17.93	17.94		
3	256QAM	8	7	17.92	17.87	17.92		
3	256QAM	15	0	18.00	18.01	17.97		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.05	21.25	21.06	22.3	0
1.4	QPSK	1	3	21.07	20.95	21.10		
1.4	QPSK	1	5	21.11	21.04	21.00		
1.4	QPSK	3	0	21.04	21.15	21.02		
1.4	QPSK	3	1	21.02	21.05	21.05		
1.4	QPSK	3	3	20.99	20.98	21.12		
1.4	QPSK	6	0	21.14	21.08	21.11	22.3	0
1.4	16QAM	1	0	21.01	21.07	20.99	22.3	0
1.4	16QAM	1	3	20.99	21.06	21.14		
1.4	16QAM	1	5	21.09	21.07	20.99		
1.4	16QAM	3	0	21.05	21.17	21.03		
1.4	16QAM	3	1	21.03	21.06	21.09		
1.4	16QAM	3	3	21.04	21.12	21.07		
1.4	16QAM	6	0	20.45	20.63	20.48	21.8	0.5
1.4	64QAM	1	0	20.56	20.49	20.54	21.8	0.5
1.4	64QAM	1	3	20.61	20.57	20.57		
1.4	64QAM	1	5	20.60	20.58	20.57		
1.4	64QAM	3	0	20.58	20.57	20.54		
1.4	64QAM	3	1	20.60	20.60	20.58		
1.4	64QAM	3	3	20.48	20.52	20.59		
1.4	64QAM	6	0	19.98	19.85	19.76	20.8	1.5
1.4	256QAM	1	0	18.25	18.28	18.22	18.8	3.5
1.4	256QAM	1	3	18.23	18.22	18.24		
1.4	256QAM	1	5	18.24	18.24	18.18		
1.4	256QAM	3	0	18.29	18.28	18.24		
1.4	256QAM	3	1	18.24	18.26	18.17		
1.4	256QAM	3	3	18.24	18.23	18.22		
1.4	256QAM	6	0	17.94	18.05	18.05	18.8	3.5

Band 4_ANT 3(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.05	20.26	20.21	21.3	0
20	QPSK	1	49	20.01	20.02	20.07		
20	QPSK	1	99	20.00	20.07	20.11		
20	QPSK	50	0	20.06	20.12	20.10	21.3	0
20	QPSK	50	24	20.04	20.09	20.07		
20	QPSK	50	50	20.00	20.11	20.05		
20	QPSK	100	0	20.09	20.11	20.10		
20	16QAM	1	0	20.00	20.01	20.08	21.3	0
20	16QAM	1	49	20.02	20.11	20.01		
20	16QAM	1	99	20.04	20.03	20.08		
20	16QAM	50	0	20.05	20.12	20.04	21.3	0
20	16QAM	50	24	20.00	20.09	20.05		
20	16QAM	50	50	20.07	20.09	20.09		
20	16QAM	100	0	20.09	20.10	20.01		
20	64QAM	1	0	20.01	20.07	20.09	21.3	0
20	64QAM	1	49	20.07	20.01	20.05		
20	64QAM	1	99	20.03	20.10	20.06		
20	64QAM	50	0	19.99	20.06	20.03	21.3	0
20	64QAM	50	24	20.10	20.07	20.09		
20	64QAM	50	50	20.04	20.09	20.10		
20	64QAM	100	0	20.09	20.12	20.08		
20	256QAM	1	0	18.94	18.90	18.95	19.8	1.5
20	256QAM	1	49	18.97	18.96	18.95		
20	256QAM	1	99	18.88	18.89	18.88		
20	256QAM	50	0	18.93	18.89	18.96	19.8	1.5
20	256QAM	50	24	18.89	18.90	18.99		
20	256QAM	50	50	18.96	18.88	18.92		
20	256QAM	100	0	18.95	18.89	18.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.93	20.03	20.13	21.3	0
15	QPSK	1	37	19.98	19.93	19.99		
15	QPSK	1	74	19.93	19.99	20.05		
15	QPSK	36	0	19.92	20.08	19.99	21.3	0
15	QPSK	36	20	20.00	20.02	19.94		
15	QPSK	36	39	19.88	20.05	19.92		
15	QPSK	75	0	19.98	20.00	20.00		
15	16QAM	1	0	19.87	19.94	19.97	21.3	0
15	16QAM	1	37	19.94	20.05	19.91		
15	16QAM	1	74	19.97	19.97	20.03		
15	16QAM	36	0	19.94	20.05	20.00	21.3	0
15	16QAM	36	20	19.95	20.06	19.92		
15	16QAM	36	39	19.99	19.99	19.98		
15	16QAM	75	0	20.03	20.03	19.98		
15	64QAM	1	0	19.90	20.02	19.96	21.3	0
15	64QAM	1	37	19.99	19.91	19.96		
15	64QAM	1	74	19.96	20.00	19.93		
15	64QAM	36	0	19.94	20.02	19.90	21.3	0
15	64QAM	36	20	20.03	20.01	20.03		
15	64QAM	36	39	19.99	20.01	20.00		
15	64QAM	75	0	20.00	20.00	20.02		
15	256QAM	1	0	18.89	18.82	18.84	19.8	1.5
15	256QAM	1	37	18.84	18.88	18.91		
15	256QAM	1	74	18.78	18.80	18.81		
15	256QAM	36	0	18.86	18.85	18.88	19.8	1.5
15	256QAM	36	20	18.80	18.86	18.94		
15	256QAM	36	39	18.84	18.78	18.86		
15	256QAM	75	0	18.84	18.81	18.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.02	20.08	20.19	21.3	0
10	QPSK	1	25	19.97	19.92	19.94		
10	QPSK	1	49	19.98	19.95	20.02		
10	QPSK	25	0	19.92	20.03	20.00	21.3	0
10	QPSK	25	12	19.91	19.99	19.98		
10	QPSK	25	25	19.94	20.01	20.02		
10	QPSK	50	0	19.96	20.04	19.98		
10	16QAM	1	0	19.87	19.89	19.95	21.3	0
10	16QAM	1	25	19.89	19.98	19.88		
10	16QAM	1	49	19.97	19.91	20.03		
10	16QAM	25	0	19.98	19.99	19.98	21.3	0
10	16QAM	25	12	19.93	20.03	19.95		
10	16QAM	25	25	19.95	19.97	19.97		
10	16QAM	50	0	20.00	20.00	19.94		
10	64QAM	1	0	19.93	20.00	19.98	21.3	0
10	64QAM	1	25	20.00	19.92	19.92		
10	64QAM	1	49	19.99	20.03	19.99		
10	64QAM	25	0	19.95	19.99	19.96	21.3	0
10	64QAM	25	12	20.02	19.94	20.00		
10	64QAM	25	25	19.93	20.02	20.04		
10	64QAM	50	0	20.06	20.02	20.02		
10	256QAM	1	0	18.87	18.80	18.86	19.8	1.5
10	256QAM	1	25	18.94	18.83	18.91		
10	256QAM	1	49	18.85	18.78	18.80		
10	256QAM	25	0	18.89	18.86	18.91	19.8	1.5
10	256QAM	25	12	18.81	18.84	18.89		
10	256QAM	25	25	18.84	18.78	18.87		
10	256QAM	50	0	18.90	18.85	18.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.00	20.07	20.13	21.3	0
5	QPSK	1	12	19.93	19.99	20.00		
5	QPSK	1	24	19.93	19.95	20.04		
5	QPSK	12	0	19.91	20.06	20.05	21.3	0
5	QPSK	12	7	19.93	19.97	19.94		
5	QPSK	12	13	19.94	20.01	19.96		
5	QPSK	25	0	20.06	20.08	19.97		
5	16QAM	1	0	19.95	19.98	19.99	21.3	0
5	16QAM	1	12	19.98	20.05	19.89		
5	16QAM	1	24	19.93	19.94	20.01		
5	16QAM	12	0	19.97	19.99	19.98	21.3	0
5	16QAM	12	7	19.90	20.00	20.02		
5	16QAM	12	13	19.98	19.97	20.06		
5	16QAM	25	0	20.04	20.01	19.96		
5	64QAM	1	0	19.92	19.95	20.03	21.3	0
5	64QAM	1	12	20.03	19.89	19.99		
5	64QAM	1	24	19.96	19.99	19.98		
5	64QAM	12	0	19.86	19.94	19.95	21.3	0
5	64QAM	12	7	20.06	19.97	19.98		
5	64QAM	12	13	19.94	20.06	19.98		
5	64QAM	25	0	20.01	20.04	19.95		
5	256QAM	1	0	18.81	18.85	18.88	19.8	1.5
5	256QAM	1	12	18.89	18.85	18.86		
5	256QAM	1	24	18.84	18.81	18.82		
5	256QAM	12	0	18.90	18.80	18.84	19.8	1.5
5	256QAM	12	7	18.77	18.82	18.92		
5	256QAM	12	13	18.91	18.79	18.85		
5	256QAM	25	0	18.82	18.81	18.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.92	20.03	20.19	21.3	0
3	QPSK	1	8	19.89	19.94	20.03		
3	QPSK	1	14	19.98	19.95	20.02		
3	QPSK	8	0	19.89	20.02	20.05	21.3	0
3	QPSK	8	4	19.98	19.96	19.97		
3	QPSK	8	7	19.89	20.01	20.01		
3	QPSK	15	0	20.02	20.04	20.06		
3	16QAM	1	0	19.90	19.93	20.02	21.3	0
3	16QAM	1	8	19.89	20.07	19.96		
3	16QAM	1	14	20.00	19.95	19.95		
3	16QAM	8	0	19.96	20.00	19.99	21.3	0
3	16QAM	8	4	19.87	20.00	19.94		
3	16QAM	8	7	19.98	20.01	19.99		
3	16QAM	15	0	20.00	19.97	19.97		
3	64QAM	1	0	19.92	20.02	20.03	21.3	0
3	64QAM	1	8	20.03	19.91	19.96		
3	64QAM	1	14	19.92	20.01	19.93		
3	64QAM	8	0	19.89	19.95	19.91	21.3	0
3	64QAM	8	4	19.99	20.02	20.06		
3	64QAM	8	7	19.96	20.04	19.99		
3	64QAM	15	0	19.96	20.05	20.02		
3	256QAM	1	0	18.91	18.84	18.87	19.8	1.5
3	256QAM	1	8	18.89	18.84	18.82		
3	256QAM	1	14	18.80	18.84	18.80		
3	256QAM	8	0	18.85	18.80	18.87	19.8	1.5
3	256QAM	8	4	18.84	18.84	18.91		
3	256QAM	8	7	18.83	18.75	18.83		
3	256QAM	15	0	18.89	18.80	18.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.02	20.09	20.18	21.3	0
1.4	QPSK	1	3	19.96	19.98	19.94		
1.4	QPSK	1	5	19.93	19.97	20.03		
1.4	QPSK	3	0	19.95	20.06	20.07		
1.4	QPSK	3	1	19.98	19.96	20.01		
1.4	QPSK	3	3	19.88	20.06	19.99		
1.4	QPSK	6	0	20.06	20.01	20.00	21.3	0
1.4	16QAM	1	0	19.96	19.88	19.96	21.3	0
1.4	16QAM	1	3	19.97	20.02	19.95		
1.4	16QAM	1	5	19.93	19.99	20.05		
1.4	16QAM	3	0	19.97	20.09	19.98		
1.4	16QAM	3	1	19.96	20.02	19.97		
1.4	16QAM	3	3	20.00	20.06	19.96		
1.4	16QAM	6	0	19.97	20.06	19.98	21.3	0
1.4	64QAM	1	0	19.96	20.04	19.96	21.3	0
1.4	64QAM	1	3	20.03	19.97	19.96		
1.4	64QAM	1	5	19.98	20.05	20.01		
1.4	64QAM	3	0	19.96	19.96	19.96		
1.4	64QAM	3	1	19.99	19.95	20.00		
1.4	64QAM	3	3	19.98	19.96	20.05		
1.4	64QAM	6	0	20.00	20.07	20.04	21.3	0
1.4	256QAM	1	0	18.84	18.80	18.87	19.8	1.5
1.4	256QAM	1	3	18.92	18.84	18.90		
1.4	256QAM	1	5	18.76	18.81	18.82		
1.4	256QAM	3	0	18.83	18.81	18.92		
1.4	256QAM	3	1	18.85	18.85	18.96		
1.4	256QAM	3	3	18.89	18.75	18.82		
1.4	256QAM	6	0	18.85	18.85	18.82	19.8	1.5

Band 5_ANT 1(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.82	23.72	23.70	24.8	0
10	QPSK	1	25	23.77	23.69	23.69		
10	QPSK	1	49	23.77	23.67	23.63		
10	QPSK	25	0	22.83	22.82	22.81	23.8	1
10	QPSK	25	12	22.80	22.75	22.80		
10	QPSK	25	25	22.81	22.79	22.79		
10	QPSK	50	0	22.82	22.81	22.80		
10	16QAM	1	0	23.20	23.11	23.07	23.8	1
10	16QAM	1	25	23.14	23.03	23.05		
10	16QAM	1	49	23.22	23.12	23.07		
10	16QAM	25	0	21.82	21.77	21.73	22.8	2
10	16QAM	25	12	21.83	21.78	21.83		
10	16QAM	25	25	21.89	21.80	21.80		
10	16QAM	50	0	21.88	21.82	21.81		
10	64QAM	1	0	22.10	22.04	21.88	22.8	2
10	64QAM	1	25	22.02	21.95	22.00		
10	64QAM	1	49	21.95	22.04	21.89		
10	64QAM	25	0	20.80	20.73	20.70	21.8	3
10	64QAM	25	12	20.81	20.75	20.80		
10	64QAM	25	25	20.86	20.78	20.77		
10	64QAM	50	0	20.89	20.79	20.79		
10	256QAM	1	0	18.97	18.96	18.99	19.8	5
10	256QAM	1	25	19.03	19.11	19.07		
10	256QAM	1	49	19.08	19.02	19.01		
10	256QAM	25	0	18.99	18.97	18.96	19.8	5
10	256QAM	25	12	18.96	18.92	19.00		
10	256QAM	25	25	19.00	18.95	18.98		
10	256QAM	50	0	19.07	18.96	19.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.54	23.69	23.72	24.8	0
5	QPSK	1	12	23.68	23.77	23.78		
5	QPSK	1	24	23.60	23.81	23.80		
5	QPSK	12	0	22.67	22.72	22.80	23.8	1
5	QPSK	12	7	22.77	22.67	22.88		
5	QPSK	12	13	22.69	22.78	22.88		
5	QPSK	25	0	22.70	22.79	22.85		
5	16QAM	1	0	23.30	22.99	22.98	23.8	1
5	16QAM	1	12	23.05	23.39	23.12		
5	16QAM	1	24	23.10	23.15	23.41		
5	16QAM	12	0	21.78	21.77	21.85	22.8	2
5	16QAM	12	7	21.69	21.68	21.85		
5	16QAM	12	13	21.85	21.73	21.82		
5	16QAM	25	0	21.70	21.65	21.92		
5	64QAM	1	0	21.96	22.01	22.00	22.8	2
5	64QAM	1	12	22.13	22.09	21.95		
5	64QAM	1	24	21.90	21.91	22.04		
5	64QAM	12	0	20.60	20.72	20.84	21.8	3
5	64QAM	12	7	20.82	20.84	20.96		
5	64QAM	12	13	20.79	20.88	20.89		
5	64QAM	25	0	20.81	20.85	20.83		
5	256QAM	1	0	18.95	18.92	18.98	19.8	5
5	256QAM	1	12	19.03	19.11	19.03		
5	256QAM	1	24	19.00	19.02	19.07		
5	256QAM	12	0	18.94	19.00	18.96	19.8	5
5	256QAM	12	7	19.00	18.96	18.92		
5	256QAM	12	13	18.95	18.97	19.02		
5	256QAM	25	0	19.04	18.95	19.06		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.67	23.72	23.80	24.8	0
3	QPSK	1	8	23.63	23.75	23.79		
3	QPSK	1	14	23.61	23.69	23.60		
3	QPSK	8	0	22.77	22.60	22.80	23.8	1
3	QPSK	8	4	22.69	22.75	22.80		
3	QPSK	8	7	22.73	22.68	22.73		
3	QPSK	15	0	22.70	22.68	22.73		
3	16QAM	1	0	23.00	22.95	22.92	23.8	1
3	16QAM	1	8	23.09	23.18	22.80		
3	16QAM	1	14	22.81	23.18	23.18		
3	16QAM	8	0	21.74	21.81	21.82	22.8	2
3	16QAM	8	4	21.74	21.78	21.77		
3	16QAM	8	7	21.68	21.89	21.96		
3	16QAM	15	0	21.79	21.81	21.73		
3	64QAM	1	0	21.99	22.05	22.21	22.8	2
3	64QAM	1	8	22.32	21.94	22.23		
3	64QAM	1	14	21.27	21.87	22.18		
3	64QAM	8	0	20.74	20.70	20.77	21.8	3
3	64QAM	8	4	20.73	20.85	20.70		
3	64QAM	8	7	20.59	20.73	20.80		
3	64QAM	15	0	20.59	20.72	20.75		
3	256QAM	1	0	18.95	18.96	18.98	19.8	5
3	256QAM	1	8	19.09	19.09	19.00		
3	256QAM	1	14	19.00	19.05	19.08		
3	256QAM	8	0	19.00	18.94	19.01	19.8	5
3	256QAM	8	4	18.99	18.91	18.97		
3	256QAM	8	7	19.02	18.91	19.00		
3	256QAM	15	0	19.04	18.93	19.07		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.81	23.64	23.80	24.8	0
1.4	QPSK	1	3	23.65	23.65	23.64		
1.4	QPSK	1	5	23.59	23.59	23.70		
1.4	QPSK	3	0	23.65	23.62	23.78		
1.4	QPSK	3	1	23.64	23.56	23.76		
1.4	QPSK	3	3	23.63	23.69	23.70		
1.4	QPSK	6	0	22.63	22.69	22.73	23.8	1
1.4	16QAM	1	0	22.85	22.78	23.05	23.8	1
1.4	16QAM	1	3	22.87	23.14	23.11		
1.4	16QAM	1	5	22.94	23.20	22.98		
1.4	16QAM	3	0	22.96	22.71	22.86		
1.4	16QAM	3	1	22.83	23.04	22.83		
1.4	16QAM	3	3	22.79	22.66	23.17		
1.4	16QAM	6	0	21.62	21.94	22.04	22.8	2
1.4	64QAM	1	0	21.98	22.00	22.08	22.8	2
1.4	64QAM	1	3	21.84	22.25	22.24		
1.4	64QAM	1	5	22.18	21.94	22.19		
1.4	64QAM	3	0	21.77	21.97	22.11		
1.4	64QAM	3	1	21.76	21.77	22.03		
1.4	64QAM	3	3	21.75	22.19	21.88		
1.4	64QAM	6	0	20.75	20.75	20.74	21.8	3
1.4	256QAM	1	0	18.98	18.95	19.01	19.8	5
1.4	256QAM	1	3	19.08	19.14	18.99		
1.4	256QAM	1	5	18.99	18.99	19.11		
1.4	256QAM	3	0	18.93	18.99	18.95		
1.4	256QAM	3	1	18.99	18.88	18.99		
1.4	256QAM	3	3	19.01	18.95	18.96		
1.4	256QAM	6	0	19.03	18.95	19.09	19.8	5

Band 7_ANT 1(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.81	22.85	22.80	23.8	0
20	QPSK	1	49	22.78	22.79	22.78		
20	QPSK	1	99	22.72	22.74	22.76		
20	QPSK	50	0	22.09	22.10	22.09	22.8	1
20	QPSK	50	24	22.07	22.03	22.08		
20	QPSK	50	50	22.06	22.06	22.08		
20	QPSK	100	0	22.04	22.07	22.06		
20	16QAM	1	0	22.09	22.07	22.07	22.8	1
20	16QAM	1	49	22.00	22.02	22.05		
20	16QAM	1	99	22.15	22.09	22.13		
20	16QAM	50	0	21.01	21.05	21.06	21.8	2
20	16QAM	50	24	21.06	21.06	21.11		
20	16QAM	50	50	21.13	21.17	21.12		
20	16QAM	100	0	21.04	21.08	21.05		
20	64QAM	1	0	21.06	21.08	21.10	21.8	2
20	64QAM	1	49	21.05	21.04	21.07		
20	64QAM	1	99	21.05	21.08	21.14		
20	64QAM	50	0	20.06	20.02	19.99	20.8	3
20	64QAM	50	24	19.98	20.01	19.99		
20	64QAM	50	50	20.16	20.11	20.09		
20	64QAM	100	0	20.01	20.06	20.08		
20	256QAM	1	0	18.28	18.22	18.18	18.8	5
20	256QAM	1	49	18.20	18.23	18.20		
20	256QAM	1	99	18.28	18.31	18.35		
20	256QAM	50	0	18.12	18.07	18.13	18.8	5
20	256QAM	50	24	18.05	18.08	18.02		
20	256QAM	50	50	18.07	18.12	18.13		
20	256QAM	100	0	18.06	18.03	18.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.72	22.82	22.69	23.8	0
15	QPSK	1	37	22.72	22.75	22.75		
15	QPSK	1	74	22.60	22.63	22.67		
15	QPSK	36	0	21.96	21.97	22.00	22.8	1
15	QPSK	36	20	21.99	21.97	22.04		
15	QPSK	36	39	21.98	22.01	21.97		
15	QPSK	75	0	21.91	22.02	21.98		
15	16QAM	1	0	21.97	22.01	22.04	22.8	1
15	16QAM	1	37	21.87	21.90	21.92		
15	16QAM	1	74	22.12	21.96	22.06		
15	16QAM	36	0	20.98	20.98	21.00	21.8	2
15	16QAM	36	20	21.02	20.98	21.01		
15	16QAM	36	39	21.09	21.04	21.04		
15	16QAM	75	0	20.95	21.04	20.98		
15	64QAM	1	0	20.98	20.97	20.98	21.8	2
15	64QAM	1	37	21.02	20.94	20.94		
15	64QAM	1	74	20.95	21.05	21.07		
15	64QAM	36	0	20.03	19.93	19.90	20.8	3
15	64QAM	36	20	19.90	19.97	19.90		
15	64QAM	36	39	20.10	20.01	20.02		
15	64QAM	75	0	19.88	20.01	19.95		
15	256QAM	1	0	18.20	18.11	18.09	18.8	5
15	256QAM	1	37	18.08	18.10	18.07		
15	256QAM	1	74	18.24	18.19	18.25		
15	256QAM	36	0	18.06	17.94	18.03	18.8	5
15	256QAM	36	20	17.94	18.03	17.89		
15	256QAM	36	39	17.95	18.01	18.05		
15	256QAM	75	0	18.01	17.97	18.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.74	22.79	22.72	23.8	0
10	QPSK	1	25	22.75	22.74	22.68		
10	QPSK	1	49	22.63	22.67	22.67		
10	QPSK	25	0	21.94	22.03	21.94	22.8	1
10	QPSK	25	12	21.99	21.99	22.01		
10	QPSK	25	25	21.99	22.00	21.98		
10	QPSK	50	0	21.98	21.96	22.00		
10	16QAM	1	0	21.96	21.96	21.98	22.8	1
10	16QAM	1	25	21.97	21.97	22.02		
10	16QAM	1	49	22.02	21.96	22.06		
10	16QAM	25	0	20.89	20.99	20.94	21.8	2
10	16QAM	25	12	20.93	21.00	21.00		
10	16QAM	25	25	21.01	21.13	21.00		
10	16QAM	50	0	20.98	20.95	20.92		
10	64QAM	1	0	20.98	21.04	21.04	21.8	2
10	64QAM	1	25	21.02	20.92	20.96		
10	64QAM	1	49	21.01	21.02	21.03		
10	64QAM	25	0	19.98	19.92	19.86	20.8	3
10	64QAM	25	12	19.94	19.89	19.92		
10	64QAM	25	25	20.10	20.03	19.97		
10	64QAM	50	0	19.92	19.93	20.01		
10	256QAM	1	0	18.17	18.16	18.11	18.8	5
10	256QAM	1	25	18.09	18.12	18.08		
10	256QAM	1	49	18.23	18.27	18.22		
10	256QAM	25	0	18.06	17.94	18.08	18.8	5
10	256QAM	25	12	17.95	17.99	17.96		
10	256QAM	25	25	17.99	18.00	18.07		
10	256QAM	50	0	17.98	17.93	18.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.72	22.80	22.68	23.8	0
5	QPSK	1	12	22.68	22.70	22.74		
5	QPSK	1	24	22.69	22.70	22.66		
5	QPSK	12	0	21.99	21.98	21.96	22.8	1
5	QPSK	12	7	21.97	21.97	21.97		
5	QPSK	12	13	22.01	21.93	22.00		
5	QPSK	25	0	21.99	21.98	22.01		
5	16QAM	1	0	21.96	21.97	22.03	22.8	1
5	16QAM	1	12	21.95	21.89	21.92		
5	16QAM	1	24	22.12	22.00	22.02		
5	16QAM	12	0	20.96	20.99	20.93	21.8	2
5	16QAM	12	7	21.02	21.01	21.03		
5	16QAM	12	13	21.05	21.12	21.02		
5	16QAM	25	0	20.98	20.95	21.02		
5	64QAM	1	0	20.95	21.03	21.02	21.8	2
5	64QAM	1	12	21.00	20.99	20.97		
5	64QAM	1	24	21.02	20.98	21.09		
5	64QAM	12	0	20.00	19.98	19.90	20.8	3
5	64QAM	12	7	19.88	19.96	19.93		
5	64QAM	12	13	20.13	20.00	20.06		
5	64QAM	25	0	19.95	19.97	20.02		
5	256QAM	1	0	18.21	18.13	18.14	18.8	5
5	256QAM	1	12	18.11	18.15	18.07		
5	256QAM	1	24	18.19	18.28	18.32		
5	256QAM	12	0	18.01	17.95	18.00	18.8	5
5	256QAM	12	7	17.97	18.01	17.89		
5	256QAM	12	13	18.02	18.05	18.09		
5	256QAM	25	0	17.98	17.98	18.03		

Band 7_ANT 3(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.78	17.81	17.80	19	0
20	QPSK	1	49	17.72	17.67	17.70		
20	QPSK	1	99	17.69	17.73	17.71		
20	QPSK	50	0	17.77	17.79	17.78	19	0
20	QPSK	50	24	17.76	17.74	17.77		
20	QPSK	50	50	17.75	17.72	17.71		
20	QPSK	100	0	17.73	17.77	17.66		
20	16QAM	1	0	17.72	17.69	17.75	19	0
20	16QAM	1	49	17.78	17.70	17.69		
20	16QAM	1	99	17.67	17.75	17.79		
20	16QAM	50	0	17.69	17.76	17.71	19	0
20	16QAM	50	24	17.67	17.68	17.78		
20	16QAM	50	50	17.66	17.68	17.70		
20	16QAM	100	0	17.70	17.68	17.76		
20	64QAM	1	0	17.75	17.75	17.68	19	0
20	64QAM	1	49	17.76	17.67	17.71		
20	64QAM	1	99	17.67	17.76	17.70		
20	64QAM	50	0	17.71	17.79	17.69	19	0
20	64QAM	50	24	17.66	17.78	17.72		
20	64QAM	50	50	17.67	17.79	17.78		
20	64QAM	100	0	17.66	17.78	17.66		
20	256QAM	1	0	17.77	17.75	17.67	19	0
20	256QAM	1	49	17.69	17.77	17.70		
20	256QAM	1	99	17.78	17.77	17.70		
20	256QAM	50	0	17.76	17.77	17.72	19	0
20	256QAM	50	24	17.75	17.73	17.70		
20	256QAM	50	50	17.79	17.66	17.77		
20	256QAM	100	0	17.77	17.66	17.72		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.71	17.78	17.72	19	0
15	QPSK	1	37	17.60	17.55	17.61		
15	QPSK	1	74	17.66	17.68	17.67		
15	QPSK	36	0	17.67	17.68	17.60	19	0
15	QPSK	36	20	17.64	17.68	17.66		
15	QPSK	36	39	17.71	17.61	17.61		
15	QPSK	75	0	17.63	17.67	17.54		
15	16QAM	1	0	17.65	17.65	17.69	19	0
15	16QAM	1	37	17.73	17.59	17.64		
15	16QAM	1	74	17.62	17.72	17.70		
15	16QAM	36	0	17.59	17.65	17.66	19	0
15	16QAM	36	20	17.59	17.57	17.75		
15	16QAM	36	39	17.60	17.56	17.66		
15	16QAM	75	0	17.62	17.65	17.64		
15	64QAM	1	0	17.64	17.65	17.65	19	0
15	64QAM	1	37	17.71	17.63	17.63		
15	64QAM	1	74	17.57	17.63	17.57		
15	64QAM	36	0	17.60	17.71	17.57	19	0
15	64QAM	36	20	17.56	17.68	17.60		
15	64QAM	36	39	17.59	17.75	17.72		
15	64QAM	75	0	17.60	17.68	17.60		
15	256QAM	1	0	17.65	17.69	17.57	19	0
15	256QAM	1	37	17.62	17.65	17.59		
15	256QAM	1	74	17.68	17.73	17.65		
15	256QAM	36	0	17.69	17.64	17.64	19	0
15	256QAM	36	20	17.67	17.70	17.63		
15	256QAM	36	39	17.67	17.61	17.73		
15	256QAM	75	0	17.67	17.58	17.65		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.67	17.74	17.67	19	0
10	QPSK	1	25	17.62	17.62	17.61		
10	QPSK	1	49	17.64	17.69	17.65		
10	QPSK	25	0	17.68	17.74	17.65	19	0
10	QPSK	25	12	17.66	17.66	17.67		
10	QPSK	25	25	17.63	17.66	17.65		
10	QPSK	50	0	17.66	17.67	17.62		
10	16QAM	1	0	17.61	17.57	17.62	19	0
10	16QAM	1	25	17.69	17.58	17.59		
10	16QAM	1	49	17.56	17.72	17.68		
10	16QAM	25	0	17.64	17.67	17.64	19	0
10	16QAM	25	12	17.54	17.63	17.66		
10	16QAM	25	25	17.54	17.62	17.61		
10	16QAM	50	0	17.63	17.64	17.64		
10	64QAM	1	0	17.62	17.72	17.57	19	0
10	64QAM	1	25	17.65	17.55	17.65		
10	64QAM	1	49	17.57	17.73	17.66		
10	64QAM	25	0	17.64	17.71	17.64	19	0
10	64QAM	25	12	17.59	17.69	17.63		
10	64QAM	25	25	17.58	17.70	17.75		
10	64QAM	50	0	17.57	17.66	17.63		
10	256QAM	1	0	17.70	17.66	17.63	19	0
10	256QAM	1	25	17.61	17.73	17.59		
10	256QAM	1	49	17.74	17.71	17.64		
10	256QAM	25	0	17.70	17.64	17.67	19	0
10	256QAM	25	12	17.67	17.67	17.63		
10	256QAM	25	25	17.66	17.59	17.70		
10	256QAM	50	0	17.67	17.54	17.62		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.70	17.76	17.74	19	0
5	QPSK	1	12	17.69	17.57	17.62		
5	QPSK	1	24	17.60	17.61	17.65		
5	QPSK	12	0	17.67	17.75	17.60	19	0
5	QPSK	12	7	17.63	17.61	17.67		
5	QPSK	12	13	17.70	17.60	17.65		
5	QPSK	25	0	17.65	17.65	17.54		
5	16QAM	1	0	17.62	17.66	17.71	19	0
5	16QAM	1	12	17.71	17.62	17.59		
5	16QAM	1	24	17.63	17.68	17.68		
5	16QAM	12	0	17.58	17.64	17.64	19	0
5	16QAM	12	7	17.62	17.55	17.67		
5	16QAM	12	13	17.62	17.65	17.58		
5	16QAM	25	0	17.62	17.64	17.67		
5	64QAM	1	0	17.63	17.69	17.61	19	0
5	64QAM	1	12	17.64	17.62	17.64		
5	64QAM	1	24	17.60	17.64	17.60		
5	64QAM	12	0	17.68	17.71	17.62	19	0
5	64QAM	12	7	17.63	17.66	17.69		
5	64QAM	12	13	17.58	17.68	17.69		
5	64QAM	25	0	17.55	17.66	17.53		
5	256QAM	1	0	17.67	17.62	17.64	19	0
5	256QAM	1	12	17.62	17.65	17.66		
5	256QAM	1	24	17.67	17.67	17.57		
5	256QAM	12	0	17.73	17.70	17.65	19	0
5	256QAM	12	7	17.62	17.60	17.60		
5	256QAM	12	13	17.72	17.54	17.65		
5	256QAM	25	0	17.73	17.57	17.59		

Band 12_ANT 1(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.92	23.82	24.8	0
10	QPSK	1	25	23.85	23.85	23.80		
10	QPSK	1	49	23.84	23.83	23.78		
10	QPSK	25	0	22.91	22.95	22.90	23.8	1
10	QPSK	25	12	22.84	22.94	22.89		
10	QPSK	25	25	22.90	22.92	22.89		
10	QPSK	50	0	22.83	22.90	22.88		
10	16QAM	1	0	23.26	23.31	23.23	23.8	1
10	16QAM	1	25	23.16	23.22	23.13		
10	16QAM	1	49	23.26	23.25	23.22		
10	16QAM	25	0	21.85	21.87	21.83	22.8	2
10	16QAM	25	12	21.88	21.95	21.92		
10	16QAM	25	25	21.93	21.93	21.90		
10	16QAM	50	0	21.86	21.92	21.89		
10	64QAM	1	0	22.13	22.09	21.99	22.8	2
10	64QAM	1	25	22.07	22.15	22.03		
10	64QAM	1	49	22.10	22.06	22.08		
10	64QAM	25	0	20.87	20.85	20.82	21.8	3
10	64QAM	25	12	20.85	20.95	20.91		
10	64QAM	25	25	20.93	20.94	20.91		
10	64QAM	50	0	20.84	20.92	20.90		
10	256QAM	1	0	19.06	19.05	19.07	19.8	5
10	256QAM	1	25	19.16	19.11	19.11		
10	256QAM	1	49	19.01	19.07	18.99		
10	256QAM	25	0	19.05	19.04	19.00	19.8	5
10	256QAM	25	12	18.99	19.12	19.09		
10	256QAM	25	25	19.03	19.04	19.04		
10	256QAM	50	0	19.02	19.03	19.06		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.68	23.61	23.71	24.8	0
5	QPSK	1	12	23.78	23.78	23.84		
5	QPSK	1	24	23.71	23.87	23.85		
5	QPSK	12	0	22.82	22.80	22.76	23.8	1
5	QPSK	12	7	22.91	22.83	22.78		
5	QPSK	12	13	22.80	22.86	22.76		
5	QPSK	25	0	22.85	22.81	22.69		
5	16QAM	1	0	23.20	23.14	23.27	23.8	1
5	16QAM	1	12	23.26	23.55	23.34		
5	16QAM	1	24	23.49	22.91	23.09		
5	16QAM	12	0	21.65	21.93	21.83	22.8	2
5	16QAM	12	7	21.92	21.85	21.91		
5	16QAM	12	13	21.89	21.84	21.86		
5	16QAM	25	0	21.87	21.76	21.72		
5	64QAM	1	0	21.87	22.45	22.08	22.8	2
5	64QAM	1	12	22.27	22.23	22.28		
5	64QAM	1	24	21.77	21.97	21.72		
5	64QAM	12	0	20.80	20.75	20.64	21.8	3
5	64QAM	12	7	20.80	20.74	20.74		
5	64QAM	12	13	20.84	20.86	20.83		
5	64QAM	25	0	20.86	20.87	20.77		
5	256QAM	1	0	19.02	19.07	19.09	19.8	5
5	256QAM	1	12	19.11	19.12	19.14		
5	256QAM	1	24	19.09	18.99	18.97		
5	256QAM	12	0	19.05	19.07	18.98	19.8	5
5	256QAM	12	7	19.15	19.00	19.10		
5	256QAM	12	13	19.01	19.05	19.05		
5	256QAM	25	0	19.00	19.03	19.06		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.76	23.74	23.88	24.8	0
3	QPSK	1	8	23.80	23.79	23.91		
3	QPSK	1	14	23.76	23.60	23.66		
3	QPSK	8	0	22.84	22.79	22.70	23.8	1
3	QPSK	8	4	22.86	22.88	22.80		
3	QPSK	8	7	22.87	22.83	22.80		
3	QPSK	15	0	22.80	22.70	22.69		
3	16QAM	1	0	23.22	22.75	22.91	23.8	1
3	16QAM	1	8	23.14	23.31	23.08		
3	16QAM	1	14	23.26	23.04	23.19		
3	16QAM	8	0	22.07	21.74	21.85	22.8	2
3	16QAM	8	4	22.01	21.94	21.78		
3	16QAM	8	7	21.85	21.93	21.85		
3	16QAM	15	0	21.84	21.75	21.82		
3	64QAM	1	0	22.10	21.93	21.59	22.8	2
3	64QAM	1	8	22.17	21.85	22.46		
3	64QAM	1	14	21.77	22.15	21.66		
3	64QAM	8	0	20.90	20.79	20.71	21.8	3
3	64QAM	8	4	20.98	20.93	20.73		
3	64QAM	8	7	20.80	20.78	20.83		
3	64QAM	15	0	20.86	20.78	20.75		
3	256QAM	1	0	19.08	19.04	19.10	19.8	5
3	256QAM	1	8	19.08	19.15	19.10		
3	256QAM	1	14	19.03	19.04	18.97		
3	256QAM	8	0	19.04	19.04	19.01	19.8	5
3	256QAM	8	4	19.09	19.02	19.07		
3	256QAM	8	7	19.03	19.04	19.01		
3	256QAM	15	0	19.03	19.02	19.06		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.84	23.78	23.65	24.8	0
1.4	QPSK	1	3	23.78	23.79	23.76		
1.4	QPSK	1	5	23.69	23.81	23.62		
1.4	QPSK	3	0	23.89	23.82	23.79		
1.4	QPSK	3	1	23.77	23.68	23.78		
1.4	QPSK	3	3	23.81	23.73	23.85		
1.4	QPSK	6	0	22.77	22.70	22.75	23.8	1
1.4	16QAM	1	0	23.16	23.25	22.90	23.8	1
1.4	16QAM	1	3	23.43	23.04	22.80		
1.4	16QAM	1	5	23.18	23.13	22.90		
1.4	16QAM	3	0	22.87	23.04	23.01		
1.4	16QAM	3	1	23.22	23.10	23.12		
1.4	16QAM	3	3	23.13	23.06	23.03		
1.4	16QAM	6	0	21.80	21.85	21.91	22.8	2
1.4	64QAM	1	0	22.05	22.19	21.90	22.8	2
1.4	64QAM	1	3	21.66	22.03	22.14		
1.4	64QAM	1	5	22.36	22.03	22.20		
1.4	64QAM	3	0	22.11	21.85	21.85		
1.4	64QAM	3	1	22.00	21.88	21.89		
1.4	64QAM	3	3	21.88	21.94	21.99		
1.4	64QAM	6	0	20.85	20.83	20.77	21.8	3
1.4	256QAM	1	0	19.08	19.04	19.08	19.8	5
1.4	256QAM	1	3	19.08	19.15	19.08		
1.4	256QAM	1	5	19.09	19.00	18.95		
1.4	256QAM	3	0	19.06	19.06	18.99		
1.4	256QAM	3	1	19.16	18.95	19.08		
1.4	256QAM	3	3	19.01	19.07	19.04		
1.4	256QAM	6	0	19.05	19.02	19.06	19.8	5

Band 13_ANT 1(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.75		24.8	0
10	QPSK	1	25		23.68			
10	QPSK	1	49		23.59			
10	QPSK	25	0		22.67		23.8	1
10	QPSK	25	12		22.66			
10	QPSK	25	25		22.62			
10	QPSK	50	0		22.65			
10	16QAM	1	0		23.03		23.8	1
10	16QAM	1	25		23.08			
10	16QAM	1	49		23.06			
10	16QAM	25	0		21.64		22.8	2
10	16QAM	25	12		21.68			
10	16QAM	25	25		21.64			
10	16QAM	50	0		21.68			
10	64QAM	1	0		21.72		22.8	2
10	64QAM	1	25		21.93			
10	64QAM	1	49		21.82			
10	64QAM	25	0		20.63		21.8	3
10	64QAM	25	12		20.66			
10	64QAM	25	25		20.62			
10	64QAM	50	0		20.67			
10	256QAM	1	0		19.00		19.8	5
10	256QAM	1	25		19.09			
10	256QAM	1	49		19.07			
10	256QAM	25	0		18.99		19.8	5
10	256QAM	25	12		18.96			
10	256QAM	25	25		18.95			
10	256QAM	50	0		18.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.43	23.60	23.63	24.8	0
5	QPSK	1	12	23.54	23.73	23.74		
5	QPSK	1	24	23.64	23.57	23.61		
5	QPSK	12	0	22.49	22.61	22.55	23.8	1
5	QPSK	12	7	22.64	22.60	22.63		
5	QPSK	12	13	22.60	22.60	22.58		
5	QPSK	25	0	22.62	22.60	22.60		
5	16QAM	1	0	22.72	22.94	22.60	23.8	1
5	16QAM	1	12	23.04	23.01	23.17		
5	16QAM	1	24	22.97	22.77	22.66		
5	16QAM	12	0	21.64	21.71	21.68	22.8	2
5	16QAM	12	7	21.62	21.58	21.75		
5	16QAM	12	13	21.67	21.64	21.67		
5	16QAM	25	0	21.56	21.56	21.67		
5	64QAM	1	0	21.75	21.85	21.56	22.8	2
5	64QAM	1	12	21.61	22.06	22.45		
5	64QAM	1	24	21.86	22.44	21.84		
5	64QAM	12	0	20.46	20.70	20.55	21.8	3
5	64QAM	12	7	20.73	20.69	20.80		
5	64QAM	12	13	20.67	20.40	20.76		
5	64QAM	25	0	20.63	20.51	20.60		
5	256QAM	1	0	18.75	18.88	18.85	19.8	5
5	256QAM	1	12	18.80	18.95	18.95		
5	256QAM	1	24	18.77	18.93	18.93		
5	256QAM	12	0	18.73	18.83	18.87	19.8	5
5	256QAM	12	7	18.68	18.85	18.82		
5	256QAM	12	13	18.69	18.79	18.82		
5	256QAM	25	0	18.71	18.88	18.86		

Band 17_ANT 1(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.82	23.88	23.83	24.8	0
10	QPSK	1	25	23.81	23.81	23.82		
10	QPSK	1	49	23.77	23.76	23.77		
10	QPSK	25	0	22.85	22.89	22.88	23.8	1
10	QPSK	25	12	22.84	22.85	22.86		
10	QPSK	25	25	22.82	22.88	22.84		
10	QPSK	50	0	22.84	22.85	22.83		
10	16QAM	1	0	23.16	23.18	23.17	23.8	1
10	16QAM	1	25	23.21	23.19	23.25		
10	16QAM	1	49	23.24	23.27	23.24		
10	16QAM	25	0	21.88	21.88	21.86	22.8	2
10	16QAM	25	12	21.96	21.88	21.97		
10	16QAM	25	25	21.90	21.90	21.91		
10	16QAM	50	0	21.83	21.84	21.83		
10	64QAM	1	0	22.01	21.99	22.04	22.8	2
10	64QAM	1	25	22.09	22.10	22.03		
10	64QAM	1	49	22.03	21.99	21.99		
10	64QAM	25	0	20.85	20.85	20.87	21.8	3
10	64QAM	25	12	20.96	20.90	20.96		
10	64QAM	25	25	20.88	20.91	20.88		
10	64QAM	50	0	20.84	20.85	20.84		
10	256QAM	1	0	19.08	18.99	19.02	19.8	5
10	256QAM	1	25	19.04	19.09	19.06		
10	256QAM	1	49	19.01	19.03	19.02		
10	256QAM	25	0	19.03	19.04	19.00	19.8	5
10	256QAM	25	12	19.05	19.05	19.06		
10	256QAM	25	25	18.97	18.98	19.03		
10	256QAM	50	0	18.99	19.01	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.86	23.84	23.82	24.8	0
5	QPSK	1	12	23.86	23.86	23.85		
5	QPSK	1	24	23.81	23.68	23.69		
5	QPSK	12	0	22.77	22.83	22.75	23.8	1
5	QPSK	12	7	22.87	22.78	22.79		
5	QPSK	12	13	22.79	22.85	22.76		
5	QPSK	25	0	22.79	22.85	22.73		
5	16QAM	1	0	23.19	23.21	23.34	23.8	1
5	16QAM	1	12	22.60	23.22	23.07		
5	16QAM	1	24	22.71	23.20	23.10		
5	16QAM	12	0	21.93	21.99	21.94	22.8	2
5	16QAM	12	7	22.02	21.93	21.84		
5	16QAM	12	13	22.00	21.87	21.92		
5	16QAM	25	0	21.91	21.75	21.77		
5	64QAM	1	0	21.45	22.13	22.20	22.8	2
5	64QAM	1	12	21.74	21.68	22.30		
5	64QAM	1	24	22.05	22.13	22.03		
5	64QAM	12	0	20.85	20.75	20.88	21.8	3
5	64QAM	12	7	21.02	20.82	20.78		
5	64QAM	12	13	20.87	20.84	20.88		
5	64QAM	25	0	20.83	20.80	20.82		
5	256QAM	1	0	19.06	18.96	19.04	19.8	5
5	256QAM	1	12	19.05	19.05	19.02		
5	256QAM	1	24	18.97	19.05	18.99		
5	256QAM	12	0	19.00	19.06	18.99	19.8	5
5	256QAM	12	7	19.09	19.04	19.09		
5	256QAM	12	13	18.97	18.95	19.03		
5	256QAM	25	0	19.00	18.99	18.98		

Band 25_ANT 3(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.02	20.08	20.06	21.3	0
20	QPSK	1	49	19.96	20.00	19.98		
20	QPSK	1	99	20.01	20.02	20.05		
20	QPSK	50	0	20.04	20.05	20.03	21.3	0
20	QPSK	50	24	19.93	20.01	20.02		
20	QPSK	50	50	19.93	20.03	19.98		
20	QPSK	100	0	19.99	20.04	20.01		
20	16QAM	1	0	20.03	19.98	20.03	21.3	0
20	16QAM	1	49	20.05	19.94	20.04		
20	16QAM	1	99	20.00	19.98	20.01		
20	16QAM	50	0	20.02	20.01	20.06	21.3	0
20	16QAM	50	24	20.05	20.03	20.04		
20	16QAM	50	50	20.02	19.99	19.96		
20	16QAM	100	0	19.95	20.02	20.05		
20	64QAM	1	0	20.06	19.98	19.96	21.3	0
20	64QAM	1	49	19.94	20.03	19.98		
20	64QAM	1	99	20.05	20.02	20.01		
20	64QAM	50	0	19.96	19.95	19.99	21.3	0
20	64QAM	50	24	19.99	19.93	19.95		
20	64QAM	50	50	20.01	20.02	20.01		
20	64QAM	100	0	20.03	20.01	19.99		
20	256QAM	1	0	18.93	18.86	18.91	19.8	1.5
20	256QAM	1	49	18.93	18.83	18.92		
20	256QAM	1	99	18.87	18.93	18.92		
20	256QAM	50	0	18.90	18.88	18.81	19.8	1.5
20	256QAM	50	24	18.86	18.89	18.87		
20	256QAM	50	50	18.87	18.89	18.88		
20	256QAM	100	0	18.91	18.88	18.86		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.84	20.02	19.87	21.3	0
15	QPSK	1	37	19.83	19.88	19.86		
15	QPSK	1	74	19.95	19.95	19.92		
15	QPSK	36	0	19.99	19.96	19.90	21.3	0
15	QPSK	36	20	19.85	19.97	19.99		
15	QPSK	36	39	19.89	20.00	19.86		
15	QPSK	75	0	19.93	19.96	19.94		
15	16QAM	1	0	19.92	19.88	19.98	21.3	0
15	16QAM	1	37	19.92	19.88	20.00		
15	16QAM	1	74	19.97	19.86	19.96		
15	16QAM	36	0	19.92	19.96	20.01	21.3	0
15	16QAM	36	20	20.01	19.90	19.95		
15	16QAM	36	39	19.97	19.88	19.86		
15	16QAM	75	0	19.86	19.91	19.96		
15	64QAM	1	0	19.96	19.93	19.84	21.3	0
15	64QAM	1	37	19.89	19.93	19.88		
15	64QAM	1	74	19.98	19.95	19.92		
15	64QAM	36	0	19.90	19.85	19.95	21.3	0
15	64QAM	36	20	19.93	19.83	19.86		
15	64QAM	36	39	19.93	19.99	19.92		
15	64QAM	75	0	19.92	19.97	19.89		
15	256QAM	1	0	18.87	18.76	18.85	19.8	1.5
15	256QAM	1	37	18.87	18.79	18.88		
15	256QAM	1	74	18.76	18.80	18.80		
15	256QAM	36	0	18.79	18.82	18.75	19.8	1.5
15	256QAM	36	20	18.82	18.85	18.81		
15	256QAM	36	39	18.82	18.84	18.83		
15	256QAM	75	0	18.79	18.82	18.77		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.82	20.04	19.85	21.3	0
10	QPSK	1	25	19.87	19.93	19.92		
10	QPSK	1	49	19.90	19.90	20.02		
10	QPSK	25	0	19.93	19.94	19.91	21.3	0
10	QPSK	25	12	19.86	19.92	19.99		
10	QPSK	25	25	19.82	19.90	19.94		
10	QPSK	50	0	19.93	19.91	19.96		
10	16QAM	1	0	19.93	19.91	19.99	21.3	0
10	16QAM	1	25	19.93	19.87	19.97		
10	16QAM	1	49	19.87	19.92	19.89		
10	16QAM	25	0	19.96	19.88	19.98	21.3	0
10	16QAM	25	12	19.97	19.90	20.00		
10	16QAM	25	25	19.96	19.92	19.90		
10	16QAM	50	0	19.83	19.90	20.00		
10	64QAM	1	0	19.97	19.93	19.86	21.3	0
10	64QAM	1	25	19.82	19.97	19.85		
10	64QAM	1	49	20.00	19.99	19.88		
10	64QAM	25	0	19.91	19.82	19.90	21.3	0
10	64QAM	25	12	19.95	19.81	19.91		
10	64QAM	25	25	19.95	19.97	19.94		
10	64QAM	50	0	19.96	19.98	19.96		
10	256QAM	1	0	18.88	18.83	18.86	19.8	1.5
10	256QAM	1	25	18.88	18.70	18.89		
10	256QAM	1	49	18.84	18.84	18.84		
10	256QAM	25	0	18.79	18.78	18.69	19.8	1.5
10	256QAM	25	12	18.76	18.80	18.76		
10	256QAM	25	25	18.81	18.82	18.83		
10	256QAM	50	0	18.88	18.75	18.78		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.90	20.05	19.85	21.3	0
5	QPSK	1	12	19.88	19.88	19.88		
5	QPSK	1	24	19.91	19.98	19.99		
5	QPSK	12	0	19.92	19.96	19.91	21.3	0
5	QPSK	12	7	19.86	19.95	19.92		
5	QPSK	12	13	19.87	20.00	19.88		
5	QPSK	25	0	19.92	19.96	19.95		
5	16QAM	1	0	19.94	19.93	19.98	21.3	0
5	16QAM	1	12	19.96	19.91	19.99		
5	16QAM	1	24	19.93	19.91	19.88		
5	16QAM	12	0	19.96	19.95	19.96	21.3	0
5	16QAM	12	7	19.99	19.97	19.99		
5	16QAM	12	13	19.93	19.92	19.92		
5	16QAM	25	0	19.88	19.91	19.96		
5	64QAM	1	0	20.03	19.94	19.92	21.3	0
5	64QAM	1	12	19.83	19.97	19.92		
5	64QAM	1	24	19.97	19.91	19.92		
5	64QAM	12	0	19.91	19.90	19.88	21.3	0
5	64QAM	12	7	19.88	19.88	19.84		
5	64QAM	12	13	19.94	19.90	19.88		
5	64QAM	25	0	19.93	19.93	19.92		
5	256QAM	1	0	18.87	18.80	18.80	19.8	1.5
5	256QAM	1	12	18.89	18.73	18.82		
5	256QAM	1	24	18.78	18.82	18.82		
5	256QAM	12	0	18.85	18.81	18.76	19.8	1.5
5	256QAM	12	7	18.74	18.80	18.76		
5	256QAM	12	13	18.82	18.82	18.78		
5	256QAM	25	0	18.82	18.78	18.78		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.65	19.76	19.75	21.3	0
3	QPSK	1	8	19.70	19.71	19.74		
3	QPSK	1	14	19.77	19.74	19.77		
3	QPSK	8	0	19.80	19.74	19.70	21.3	0
3	QPSK	8	4	19.64	19.72	19.70		
3	QPSK	8	7	19.62	19.73	19.67		
3	QPSK	15	0	19.70	19.73	19.75		
3	16QAM	1	0	19.77	19.73	19.70	21.3	0
3	16QAM	1	8	19.73	19.67	19.80		
3	16QAM	1	14	19.69	19.66	19.69		
3	16QAM	8	0	19.79	19.76	19.79	21.3	0
3	16QAM	8	4	19.77	19.71	19.72		
3	16QAM	8	7	19.69	19.73	19.66		
3	16QAM	15	0	19.69	19.73	19.79		
3	64QAM	1	0	19.78	19.73	19.69	21.3	0
3	64QAM	1	8	19.67	19.75	19.67		
3	64QAM	1	14	19.74	19.71	19.68		
3	64QAM	8	0	19.63	19.64	19.70	21.3	0
3	64QAM	8	4	19.72	19.66	19.67		
3	64QAM	8	7	19.77	19.79	19.74		
3	64QAM	15	0	19.80	19.74	19.67		
3	256QAM	1	0	18.82	18.77	18.81	19.8	1.5
3	256QAM	1	8	18.88	18.80	18.84		
3	256QAM	1	14	18.80	18.82	18.79		
3	256QAM	8	0	18.86	18.83	18.78	19.8	1.5
3	256QAM	8	4	18.80	18.81	18.84		
3	256QAM	8	7	18.78	18.81	18.85		
3	256QAM	15	0	18.85	18.76	18.82		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.72	19.79	19.74	21.3	0
1.4	QPSK	1	3	19.66	19.67	19.65		
1.4	QPSK	1	5	19.69	19.72	19.81		
1.4	QPSK	3	0	19.72	19.78	19.68		
1.4	QPSK	3	1	19.64	19.76	19.73		
1.4	QPSK	3	3	19.60	19.73	19.69		
1.4	QPSK	6	0	19.76	19.76	19.78	21.3	0
1.4	16QAM	1	0	19.78	19.74	19.76	21.3	0
1.4	16QAM	1	3	19.76	19.64	19.76		
1.4	16QAM	1	5	19.71	19.72	19.78		
1.4	16QAM	3	0	19.77	19.78	19.82		
1.4	16QAM	3	1	19.73	19.75	19.72		
1.4	16QAM	3	3	19.69	19.67	19.66		
1.4	16QAM	6	0	19.70	19.77	19.78	21.3	0
1.4	64QAM	1	0	19.78	19.69	19.72	21.3	0
1.4	64QAM	1	3	19.63	19.74	19.66		
1.4	64QAM	1	5	19.73	19.70	19.73		
1.4	64QAM	3	0	19.71	19.71	19.74		
1.4	64QAM	3	1	19.68	19.63	19.72		
1.4	64QAM	3	3	19.73	19.71	19.68		
1.4	64QAM	6	0	19.75	19.72	19.75	21.3	0
1.4	256QAM	1	0	18.86	18.81	18.81	19.8	1.5
1.4	256QAM	1	3	18.82	18.74	18.84		
1.4	256QAM	1	5	18.74	18.84	18.80		
1.4	256QAM	3	0	18.85	18.78	18.69		
1.4	256QAM	3	1	18.81	18.83	18.76		
1.4	256QAM	3	3	18.84	18.77	18.77		
1.4	256QAM	6	0	18.80	18.85	18.79	19.8	1.5

Band 26 for FCC_ANT 1(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.65	23.85	23.62	24.8	0
15	QPSK	1	37	23.63	23.66	23.61		
15	QPSK	1	74	23.60	23.59	23.52		
15	QPSK	36	0	22.73	22.74	22.71	23.8	1
15	QPSK	36	20	22.71	22.71	22.61		
15	QPSK	36	39	22.72	22.70	22.70		
15	QPSK	75	0	22.70	22.72	22.71		
15	16QAM	1	0	22.90	22.93	22.96	23.8	1
15	16QAM	1	37	22.94	22.95	22.91		
15	16QAM	1	74	22.85	23.02	22.85		
15	16QAM	36	0	21.73	21.72	21.68	22.8	2
15	16QAM	36	20	21.79	21.80	21.66		
15	16QAM	36	39	21.77	21.77	21.72		
15	16QAM	75	0	21.78	21.79	21.75		
15	64QAM	1	0	21.86	21.86	21.79	22.8	2
15	64QAM	1	37	21.97	21.89	21.80		
15	64QAM	1	74	21.92	21.81	21.87		
15	64QAM	36	0	20.70	20.71	20.68	21.8	3
15	64QAM	36	20	20.79	20.76	20.71		
15	64QAM	36	39	20.77	20.75	20.73		
15	64QAM	75	0	20.77	20.80	20.71		
15	256QAM	1	0	19.03	19.04	19.06	19.8	5
15	256QAM	1	37	19.12	19.09	19.06		
15	256QAM	1	74	19.00	19.02	19.01		
15	256QAM	36	0	18.95	18.94	18.98	19.8	5
15	256QAM	36	20	18.96	18.97	19.00		
15	256QAM	36	39	18.97	18.99	19.01		
15	256QAM	75	0	19.02	19.02	18.98		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.72	23.58	23.71	24.8	0
10	QPSK	1	25	23.65	23.69	23.73		
10	QPSK	1	49	23.57	23.66	23.53		
10	QPSK	25	0	22.80	22.67	22.72	23.8	1
10	QPSK	25	12	22.89	22.61	22.70		
10	QPSK	25	25	22.79	22.78	22.78		
10	QPSK	50	0	22.82	22.78	22.82		
10	16QAM	1	0	23.23	22.67	23.15	23.8	1
10	16QAM	1	25	23.40	23.33	23.38		
10	16QAM	1	49	23.30	22.74	22.81		
10	16QAM	25	0	21.76	21.71	21.80	22.8	2
10	16QAM	25	12	21.81	21.72	21.77		
10	16QAM	25	25	21.86	21.79	21.93		
10	16QAM	50	0	21.78	21.77	21.70		
10	64QAM	1	0	22.03	22.17	22.04	22.8	2
10	64QAM	1	25	21.86	21.77	21.72		
10	64QAM	1	49	21.86	21.78	21.75		
10	64QAM	25	0	20.87	20.69	20.77	21.8	3
10	64QAM	25	12	20.91	20.78	20.74		
10	64QAM	25	25	20.75	20.70	20.74		
10	64QAM	50	0	20.91	20.74	20.88		
10	256QAM	1	0	19.00	19.10	19.04	19.8	5
10	256QAM	1	25	19.14	19.08	19.09		
10	256QAM	1	49	18.98	19.01	18.98		
10	256QAM	25	0	18.97	18.98	18.93	19.8	5
10	256QAM	25	12	18.93	18.99	19.00		
10	256QAM	25	25	18.98	19.00	19.02		
10	256QAM	50	0	19.02	19.00	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.71	23.70	23.74	24.8	0
5	QPSK	1	12	23.69	23.74	23.63		
5	QPSK	1	24	23.73	23.64	23.61		
5	QPSK	12	0	22.75	22.66	22.74	23.8	1
5	QPSK	12	7	22.82	22.65	22.77		
5	QPSK	12	13	22.84	22.79	22.77		
5	QPSK	25	0	22.80	22.75	22.73		
5	16QAM	1	0	23.07	23.29	23.10	23.8	1
5	16QAM	1	12	23.13	23.07	23.23		
5	16QAM	1	24	23.08	22.82	23.05		
5	16QAM	12	0	21.86	21.73	21.81	22.8	2
5	16QAM	12	7	21.79	21.70	21.75		
5	16QAM	12	13	21.86	21.89	21.80		
5	16QAM	25	0	21.81	21.78	21.68		
5	64QAM	1	0	21.88	21.87	21.82	22.8	2
5	64QAM	1	12	21.50	22.15	21.82		
5	64QAM	1	24	21.65	21.88	21.81		
5	64QAM	12	0	20.81	20.73	20.89	21.8	3
5	64QAM	12	7	20.94	20.77	20.85		
5	64QAM	12	13	20.87	20.75	20.82		
5	64QAM	25	0	20.78	20.74	20.81		
5	256QAM	1	0	19.02	19.08	19.00	19.8	5
5	256QAM	1	12	19.15	19.06	19.10		
5	256QAM	1	24	19.00	19.03	19.04		
5	256QAM	12	0	18.95	19.01	18.97	19.8	5
5	256QAM	12	7	18.98	18.98	18.97		
5	256QAM	12	13	18.96	19.01	18.98		
5	256QAM	25	0	19.02	18.96	19.04		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.70	23.72	23.58	24.8	0
3	QPSK	1	8	23.72	23.71	23.72		
3	QPSK	1	14	23.57	23.63	23.69		
3	QPSK	8	0	22.85	22.66	22.76	23.8	1
3	QPSK	8	4	22.82	22.76	22.84		
3	QPSK	8	7	22.76	22.73	22.77		
3	QPSK	15	0	22.74	22.80	22.78		
3	16QAM	1	0	22.98	23.14	23.15	23.8	1
3	16QAM	1	8	23.23	23.21	22.43		
3	16QAM	1	14	23.01	23.17	23.24		
3	16QAM	8	0	21.87	21.69	21.83	22.8	2
3	16QAM	8	4	21.94	21.85	21.88		
3	16QAM	8	7	21.81	21.88	21.93		
3	16QAM	15	0	21.82	21.83	21.82		
3	64QAM	1	0	21.93	22.04	21.64	22.8	2
3	64QAM	1	8	22.11	22.30	21.88		
3	64QAM	1	14	22.10	21.97	22.01		
3	64QAM	8	0	20.84	20.76	20.82	21.8	3
3	64QAM	8	4	20.88	20.71	20.85		
3	64QAM	8	7	20.98	20.75	20.82		
3	64QAM	15	0	20.80	20.71	20.82		
3	256QAM	1	0	19.02	19.07	19.04	19.8	5
3	256QAM	1	8	19.10	19.10	19.07		
3	256QAM	1	14	18.98	19.02	19.02		
3	256QAM	8	0	18.97	19.00	18.96	19.8	5
3	256QAM	8	4	18.95	19.04	18.96		
3	256QAM	8	7	19.00	18.98	19.02		
3	256QAM	15	0	19.00	18.98	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.67	23.46	23.59	24.8	0
1.4	QPSK	1	3	23.72	23.70	23.74		
1.4	QPSK	1	5	23.67	23.60	23.74		
1.4	QPSK	3	0	23.73	23.69	23.74		
1.4	QPSK	3	1	23.74	23.56	23.73		
1.4	QPSK	3	3	23.68	23.70	23.72		
1.4	QPSK	6	0	22.83	22.65	22.78	23.8	1
1.4	16QAM	1	0	23.05	22.98	23.11	23.8	1
1.4	16QAM	1	3	23.20	23.08	23.35		
1.4	16QAM	1	5	23.29	22.82	23.12		
1.4	16QAM	3	0	22.91	22.69	22.96		
1.4	16QAM	3	1	22.81	22.64	22.88		
1.4	16QAM	3	3	22.88	22.66	22.78		
1.4	16QAM	6	0	21.96	21.66	21.83	22.8	2
1.4	64QAM	1	0	22.03	22.02	22.01	22.8	2
1.4	64QAM	1	3	22.12	22.07	21.92		
1.4	64QAM	1	5	21.73	21.50	22.07		
1.4	64QAM	3	0	21.99	21.61	22.14		
1.4	64QAM	3	1	21.76	21.87	21.85		
1.4	64QAM	3	3	21.77	22.10	21.98		
1.4	64QAM	6	0	20.80	20.79	20.90	21.8	3
1.4	256QAM	1	0	19.02	19.10	19.02	19.8	5
1.4	256QAM	1	3	19.15	19.10	19.05		
1.4	256QAM	1	5	19.01	18.98	18.98		
1.4	256QAM	3	0	18.98	19.00	18.96		
1.4	256QAM	3	1	18.95	19.01	18.99		
1.4	256QAM	3	3	18.93	18.98	19.00		
1.4	256QAM	6	0	19.02	18.96	19.01	19.8	5

Band 30_ANT 3(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.41		20.8	0
10	QPSK	1	25		19.36			
10	QPSK	1	49		19.26			
10	QPSK	25	0		19.38		20.8	0
10	QPSK	25	12		19.36			
10	QPSK	25	25		19.27			
10	QPSK	50	0		19.36			
10	16QAM	1	0		19.35		20.8	0
10	16QAM	1	25		19.26			
10	16QAM	1	49		19.26			
10	16QAM	25	0		19.36		20.8	0
10	16QAM	25	12		19.27			
10	16QAM	25	25		19.27			
10	16QAM	50	0		19.27			
10	64QAM	1	0		19.39		20.8	0
10	64QAM	1	25		19.39			
10	64QAM	1	49		19.26			
10	64QAM	25	0		19.26		20.8	0
10	64QAM	25	12		19.27			
10	64QAM	25	25		19.34			
10	64QAM	50	0		19.37			
10	256QAM	1	0		18.93		19.8	1
10	256QAM	1	25		18.95			
10	256QAM	1	49		18.97			
10	256QAM	25	0		18.94		19.8	1
10	256QAM	25	12		18.90			
10	256QAM	25	25		18.88			
10	256QAM	50	0		18.82			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.28	19.35	19.32	20.8	0
5	QPSK	1	12	19.24	19.25	19.24		
5	QPSK	1	24	19.14	19.14	19.18		
5	QPSK	12	0	19.27	19.21	19.26	20.8	0
5	QPSK	12	7	19.29	19.25	19.32		
5	QPSK	12	13	19.20	19.21	19.23		
5	QPSK	25	0	19.30	19.28	19.33		
5	16QAM	1	0	19.28	19.26	19.31	20.8	0
5	16QAM	1	12	19.13	19.14	19.16		
5	16QAM	1	24	19.23	19.14	19.16		
5	16QAM	12	0	19.29	19.23	19.29	20.8	0
5	16QAM	12	7	19.22	19.18	19.21		
5	16QAM	12	13	19.14	19.23	19.23		
5	16QAM	25	0	19.21	19.19	19.19		
5	64QAM	1	0	19.28	19.35	19.28	20.8	0
5	64QAM	1	12	19.29	19.35	19.33		
5	64QAM	1	24	19.17	19.14	19.16		
5	64QAM	12	0	19.14	19.18	19.19	20.8	0
5	64QAM	12	7	19.14	19.20	19.24		
5	64QAM	12	13	19.23	19.27	19.27		
5	64QAM	25	0	19.25	19.30	19.32		
5	256QAM	1	0	18.89	18.82	18.90	19.8	1
5	256QAM	1	12	18.84	18.90	18.86		
5	256QAM	1	24	18.88	18.93	18.92		
5	256QAM	12	0	18.84	18.84	18.91	19.8	1
5	256QAM	12	7	18.78	18.83	18.81		
5	256QAM	12	13	18.76	18.82	18.82		
5	256QAM	25	0	18.74	18.69	18.72		

Band 66_ANT 1(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.35	21.37	21.34	22.3	0
20	QPSK	1	49	21.30	21.24	21.27		
20	QPSK	1	99	21.22	21.33	21.23		
20	QPSK	50	0	21.29	21.35	21.33	22.3	0
20	QPSK	50	24	21.26	21.31	21.22		
20	QPSK	50	50	21.28	21.25	21.32		
20	QPSK	100	0	21.25	21.34	21.27		
20	16QAM	1	0	21.25	21.26	21.23	22.3	0
20	16QAM	1	49	21.30	21.23	21.27		
20	16QAM	1	99	21.31	21.28	21.22		
20	16QAM	50	0	20.83	20.84	20.76	21.8	0.5
20	16QAM	50	24	20.81	20.74	20.73		
20	16QAM	50	50	20.76	20.81	20.80		
20	16QAM	100	0	20.74	20.83	20.74		
20	64QAM	1	0	20.74	20.72	20.74	21.8	0.5
20	64QAM	1	49	20.83	20.84	20.81		
20	64QAM	1	99	20.85	20.80	20.79		
20	64QAM	50	0	20.05	20.08	20.08	20.8	1.5
20	64QAM	50	24	20.06	20.08	20.08		
20	64QAM	50	50	20.10	20.06	20.09		
20	64QAM	100	0	20.11	20.10	20.04		
20	256QAM	1	0	18.42	18.41	18.42	18.8	3.5
20	256QAM	1	49	18.43	18.41	18.44		
20	256QAM	1	99	18.46	18.42	18.42		
20	256QAM	50	0	18.11	18.20	18.14	18.8	3.5
20	256QAM	50	24	18.10	18.10	18.20		
20	256QAM	50	50	18.09	18.10	18.13		
20	256QAM	100	0	18.17	18.19	18.20		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.21	21.36	21.21	22.3	0
15	QPSK	1	37	21.25	21.20	21.16		
15	QPSK	1	74	21.15	21.30	21.10		
15	QPSK	36	0	21.26	21.25	21.28	22.3	0
15	QPSK	36	20	21.20	21.24	21.16		
15	QPSK	36	39	21.15	21.16	21.23		
15	QPSK	75	0	21.22	21.24	21.16		
15	16QAM	1	0	21.19	21.23	21.14	22.3	0
15	16QAM	1	37	21.19	21.15	21.16		
15	16QAM	1	74	21.19	21.16	21.14		
15	16QAM	36	0	20.75	20.78	20.67	21.8	0.5
15	16QAM	36	20	20.74	20.64	20.66		
15	16QAM	36	39	20.68	20.71	20.76		
15	16QAM	75	0	20.69	20.71	20.70		
15	64QAM	1	0	20.70	20.62	20.70	21.8	0.5
15	64QAM	1	37	20.79	20.75	20.68		
15	64QAM	1	74	20.74	20.72	20.72		
15	64QAM	36	0	19.97	19.97	20.02	20.8	1.5
15	64QAM	36	20	20.03	19.95	19.96		
15	64QAM	36	39	20.00	20.00	19.99		
15	64QAM	75	0	20.04	19.98	19.93		
15	256QAM	1	0	18.35	18.34	18.31	18.8	3.5
15	256QAM	1	37	18.39	18.35	18.39		
15	256QAM	1	74	18.39	18.32	18.33		
15	256QAM	36	0	18.01	18.10	18.10	18.8	3.5
15	256QAM	36	20	17.98	18.07	18.12		
15	256QAM	36	39	18.05	18.05	18.04		
15	256QAM	75	0	18.06	18.10	18.11		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.20	21.32	21.16	22.3	0
10	QPSK	1	25	21.24	21.13	21.21		
10	QPSK	1	49	21.14	21.29	21.13		
10	QPSK	25	0	21.16	21.31	21.24	22.3	0
10	QPSK	25	12	21.17	21.20	21.11		
10	QPSK	25	25	21.21	21.18	21.22		
10	QPSK	50	0	21.25	21.24	21.23		
10	16QAM	1	0	21.16	21.17	21.13	22.3	0
10	16QAM	1	25	21.20	21.10	21.23		
10	16QAM	1	49	21.27	21.20	21.13		
10	16QAM	25	0	20.77	20.71	20.69	21.8	0.5
10	16QAM	25	12	20.72	20.65	20.69		
10	16QAM	25	25	20.63	20.75	20.75		
10	16QAM	50	0	20.65	20.76	20.65		
10	64QAM	1	0	20.70	20.60	20.71	21.8	0.5
10	64QAM	1	25	20.79	20.73	20.77		
10	64QAM	1	49	20.76	20.73	20.67		
10	64QAM	25	0	20.02	20.00	19.98	20.8	1.5
10	64QAM	25	12	19.93	19.95	19.96		
10	64QAM	25	25	19.97	20.00	20.00		
10	64QAM	50	0	20.03	20.01	19.99		
10	256QAM	1	0	18.37	18.36	18.29	18.8	3.5
10	256QAM	1	25	18.35	18.29	18.34		
10	256QAM	1	49	18.42	18.31	18.39		
10	256QAM	25	0	18.05	18.16	18.04	18.8	3.5
10	256QAM	25	12	18.05	17.98	18.08		
10	256QAM	25	25	18.02	18.04	18.06		
10	256QAM	50	0	18.04	18.06	18.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.21	21.36	21.21	22.3	0
5	QPSK	1	12	21.18	21.20	21.21		
5	QPSK	1	24	21.11	21.29	21.13		
5	QPSK	12	0	21.22	21.26	21.21	22.3	0
5	QPSK	12	7	21.18	21.22	21.10		
5	QPSK	12	13	21.23	21.20	21.29		
5	QPSK	25	0	21.21	21.21	21.17		
5	16QAM	1	0	21.12	21.23	21.17	22.3	0
5	16QAM	1	12	21.21	21.16	21.14		
5	16QAM	1	24	21.25	21.18	21.11		
5	16QAM	12	0	20.75	20.76	20.63	21.8	0.5
5	16QAM	12	7	20.69	20.70	20.62		
5	16QAM	12	13	20.67	20.71	20.69		
5	16QAM	25	0	20.67	20.74	20.61		
5	64QAM	1	0	20.70	20.61	20.61	21.8	0.5
5	64QAM	1	12	20.75	20.76	20.76		
5	64QAM	1	24	20.72	20.77	20.71		
5	64QAM	12	0	20.01	19.96	19.97	20.8	1.5
5	64QAM	12	7	20.01	20.03	20.04		
5	64QAM	12	13	20.02	19.95	19.96		
5	64QAM	25	0	20.06	20.05	19.91		
5	256QAM	1	0	18.29	18.34	18.36	18.8	3.5
5	256QAM	1	12	18.40	18.33	18.33		
5	256QAM	1	24	18.39	18.30	18.33		
5	256QAM	12	0	17.98	18.07	18.01	18.8	3.5
5	256QAM	12	7	17.97	18.07	18.16		
5	256QAM	12	13	17.98	18.06	18.10		
5	256QAM	25	0	18.09	18.14	18.11		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.24	21.34	21.21	22.3	0
3	QPSK	1	8	21.21	21.13	21.21		
3	QPSK	1	14	21.12	21.28	21.20		
3	QPSK	8	0	21.26	21.22	21.21	22.3	0
3	QPSK	8	4	21.20	21.27	21.09		
3	QPSK	8	7	21.22	21.19	21.20		
3	QPSK	15	0	21.28	21.26	21.23		
3	16QAM	1	0	21.22	21.16	21.15	22.3	0
3	16QAM	1	8	21.26	21.11	21.23		
3	16QAM	1	14	21.21	21.16	21.15		
3	16QAM	8	0	20.77	20.76	20.66	21.8	0.5
3	16QAM	8	4	20.71	20.64	20.66		
3	16QAM	8	7	20.73	20.68	20.72		
3	16QAM	15	0	20.68	20.76	20.61		
3	64QAM	1	0	20.66	20.61	20.66	21.8	0.5
3	64QAM	1	8	20.71	20.74	20.75		
3	64QAM	1	14	20.76	20.73	20.67		
3	64QAM	8	0	19.93	19.99	19.99	20.8	1.5
3	64QAM	8	4	19.95	20.05	20.01		
3	64QAM	8	7	19.99	20.00	19.96		
3	64QAM	15	0	20.04	20.01	20.00		
3	256QAM	1	0	18.35	18.38	18.32	18.8	3.5
3	256QAM	1	8	18.32	18.30	18.37		
3	256QAM	1	14	18.33	18.34	18.38		
3	256QAM	8	0	18.05	18.11	18.11	18.8	3.5
3	256QAM	8	4	18.06	18.05	18.11		
3	256QAM	8	7	18.02	18.06	18.01		
3	256QAM	15	0	18.14	18.07	18.09		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.18	21.36	21.17	22.3	0
1.4	QPSK	1	3	21.25	21.11	21.17		
1.4	QPSK	1	5	21.15	21.29	21.17		
1.4	QPSK	3	0	21.16	21.32	21.22		
1.4	QPSK	3	1	21.14	21.21	21.13		
1.4	QPSK	3	3	21.25	21.18	21.25		
1.4	QPSK	6	0	21.24	21.26	21.20	22.3	0
1.4	16QAM	1	0	21.16	21.19	21.20	22.3	0
1.4	16QAM	1	3	21.24	21.20	21.18		
1.4	16QAM	1	5	21.26	21.25	21.19		
1.4	16QAM	3	0	21.27	21.26	21.19		
1.4	16QAM	3	1	21.21	21.17	21.12		
1.4	16QAM	3	3	21.16	21.28	21.26		
1.4	16QAM	6	0	20.61	20.75	20.65	21.8	0.5
1.4	64QAM	1	0	20.69	20.59	20.69	21.8	0.5
1.4	64QAM	1	3	20.71	20.76	20.76		
1.4	64QAM	1	5	20.76	20.77	20.70		
1.4	64QAM	3	0	20.69	20.74	20.75		
1.4	64QAM	3	1	20.81	20.83	20.73		
1.4	64QAM	3	3	20.70	20.82	20.81		
1.4	64QAM	6	0	20.07	20.01	19.98	20.8	1.5
1.4	256QAM	1	0	18.37	18.32	18.30	18.8	3.5
1.4	256QAM	1	3	18.40	18.33	18.32		
1.4	256QAM	1	5	18.37	18.30	18.30		
1.4	256QAM	3	0	18.34	18.36	18.40		
1.4	256QAM	3	1	18.39	18.37	18.41		
1.4	256QAM	3	3	18.41	18.42	18.35		
1.4	256QAM	6	0	18.10	18.10	18.14	18.8	3.5

Band 66_ANT 3(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.30	20.32	20.27	21.3	0
20	QPSK	1	49	20.20	20.28	20.20		
20	QPSK	1	99	20.23	20.30	20.25		
20	QPSK	50	0	20.28	20.31	20.29	21.3	0
20	QPSK	50	24	20.18	20.21	20.19		
20	QPSK	50	50	20.21	20.29	20.27		
20	QPSK	100	0	20.28	20.30	20.18		
20	16QAM	1	0	20.08	20.00	20.10	21.3	0
20	16QAM	1	49	20.05	20.05	19.98		
20	16QAM	1	99	20.09	20.10	20.03		
20	16QAM	50	0	20.06	20.02	20.01	21.3	0
20	16QAM	50	24	20.07	20.06	20.09		
20	16QAM	50	50	20.10	20.02	20.09		
20	16QAM	100	0	20.04	20.02	20.03		
20	64QAM	1	0	20.07	20.07	20.06	21.3	0
20	64QAM	1	49	20.05	19.97	20.03		
20	64QAM	1	99	20.06	19.98	20.01		
20	64QAM	50	0	20.09	20.10	20.07	21.3	0
20	64QAM	50	24	20.07	19.99	20.07		
20	64QAM	50	50	20.09	20.04	20.07		
20	64QAM	100	0	20.00	20.05	20.08		
20	256QAM	1	0	19.02	19.04	19.08	19.8	1.5
20	256QAM	1	49	19.07	19.03	19.13		
20	256QAM	1	99	19.05	19.06	19.03		
20	256QAM	50	0	19.01	19.03	19.04	19.8	1.5
20	256QAM	50	24	19.05	19.06	19.03		
20	256QAM	50	50	19.15	19.08	19.11		
20	256QAM	100	0	19.06	19.06	19.05		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.86	20.09	19.91	21.3	0
15	QPSK	1	37	19.96	19.99	19.96		
15	QPSK	1	74	19.99	20.02	20.02		
15	QPSK	36	0	19.92	20.02	20.02	21.3	0
15	QPSK	36	20	19.87	19.91	19.86		
15	QPSK	36	39	19.94	19.99	20.03		
15	QPSK	75	0	19.95	20.03	19.95		
15	16QAM	1	0	20.04	19.94	20.02	21.3	0
15	16QAM	1	37	19.92	20.00	19.91		
15	16QAM	1	74	20.06	20.02	19.95		
15	16QAM	36	0	20.03	19.95	19.90	21.3	0
15	16QAM	36	20	19.97	19.98	20.06		
15	16QAM	36	39	19.99	19.90	20.03		
15	16QAM	75	0	19.96	19.90	20.00		
15	64QAM	1	0	19.96	19.95	20.03	21.3	0
15	64QAM	1	37	19.97	19.84	19.91		
15	64QAM	1	74	20.02	19.90	19.91		
15	64QAM	36	0	20.02	20.07	20.02	21.3	0
15	64QAM	36	20	19.98	19.89	19.96		
15	64QAM	36	39	19.98	19.92	19.98		
15	64QAM	75	0	19.88	19.94	19.95		
15	256QAM	1	0	18.92	19.00	19.03	19.8	1.5
15	256QAM	1	37	19.02	18.98	19.04		
15	256QAM	1	74	18.92	18.99	19.00		
15	256QAM	36	0	18.97	18.93	18.91	19.8	1.5
15	256QAM	36	20	18.94	18.94	18.99		
15	256QAM	36	39	19.07	19.05	19.05		
15	256QAM	75	0	18.98	19.03	19.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.82	20.05	19.90	21.3	0
10	QPSK	1	25	19.96	20.01	19.92		
10	QPSK	1	49	19.92	19.99	19.93		
10	QPSK	25	0	19.93	20.03	19.96	21.3	0
10	QPSK	25	12	19.90	19.89	19.91		
10	QPSK	25	25	19.97	20.06	19.99		
10	QPSK	50	0	20.05	20.05	19.92		
10	16QAM	1	0	19.98	19.94	20.07	21.3	0
10	16QAM	1	25	19.96	20.01	19.95		
10	16QAM	1	49	20.02	20.01	19.98		
10	16QAM	25	0	19.96	19.92	19.96	21.3	0
10	16QAM	25	12	20.01	20.01	19.97		
10	16QAM	25	25	20.01	19.92	19.96		
10	16QAM	50	0	19.99	19.96	19.91		
10	64QAM	1	0	19.98	19.98	19.99	21.3	0
10	64QAM	1	25	19.92	19.84	19.92		
10	64QAM	1	49	19.96	19.89	19.95		
10	64QAM	25	0	19.97	20.02	19.98	21.3	0
10	64QAM	25	12	19.98	19.86	19.94		
10	64QAM	25	25	20.04	19.93	19.96		
10	64QAM	50	0	19.87	20.00	20.04		
10	256QAM	1	0	18.98	18.97	18.98	19.8	1.5
10	256QAM	1	25	18.97	18.98	19.08		
10	256QAM	1	49	19.01	18.93	19.00		
10	256QAM	25	0	18.92	18.99	18.92	19.8	1.5
10	256QAM	25	12	18.94	18.93	18.97		
10	256QAM	25	25	19.12	19.05	19.01		
10	256QAM	50	0	19.01	19.00	18.95		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.81	20.01	19.98	21.3	0
5	QPSK	1	12	19.89	19.95	19.95		
5	QPSK	1	24	19.95	20.02	19.97		
5	QPSK	12	0	19.91	20.06	20.00	21.3	0
5	QPSK	12	7	19.89	19.95	19.88		
5	QPSK	12	13	19.90	19.99	19.94		
5	QPSK	25	0	20.02	20.05	19.90		
5	16QAM	1	0	20.05	19.97	20.02	21.3	0
5	16QAM	1	12	20.02	19.98	19.92		
5	16QAM	1	24	20.01	19.97	19.91		
5	16QAM	12	0	19.95	19.92	19.96	21.3	0
5	16QAM	12	7	19.98	19.97	20.03		
5	16QAM	12	13	20.03	19.92	20.03		
5	16QAM	25	0	19.99	19.93	20.00		
5	64QAM	1	0	19.95	20.04	19.94	21.3	0
5	64QAM	1	12	19.92	19.93	19.96		
5	64QAM	1	24	19.98	19.94	19.96		
5	64QAM	12	0	19.97	20.06	20.00	21.3	0
5	64QAM	12	7	19.96	19.90	19.96		
5	64QAM	12	13	20.06	19.98	20.01		
5	64QAM	25	0	19.92	19.99	19.99		
5	256QAM	1	0	18.92	18.93	18.96	19.8	1.5
5	256QAM	1	12	18.95	18.92	19.05		
5	256QAM	1	24	18.95	18.98	18.91		
5	256QAM	12	0	18.90	18.96	18.93	19.8	1.5
5	256QAM	12	7	18.98	19.01	18.99		
5	256QAM	12	13	19.12	19.01	18.98		
5	256QAM	25	0	18.97	18.94	18.95		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.84	20.00	19.96	21.3	0
3	QPSK	1	8	19.88	20.03	19.92		
3	QPSK	1	14	19.94	20.07	19.93		
3	QPSK	8	0	19.94	20.02	19.96	21.3	0
3	QPSK	8	4	19.90	19.89	19.86		
3	QPSK	8	7	19.94	20.02	19.96		
3	QPSK	15	0	19.98	20.04	19.87		
3	16QAM	1	0	19.97	19.91	19.99	21.3	0
3	16QAM	1	8	19.92	19.96	19.85		
3	16QAM	1	14	20.04	19.98	20.00		
3	16QAM	8	0	19.95	19.89	19.89	21.3	0
3	16QAM	8	4	19.96	19.97	19.97		
3	16QAM	8	7	19.98	19.90	19.97		
3	16QAM	15	0	19.93	19.93	20.00		
3	64QAM	1	0	19.99	19.98	20.01	21.3	0
3	64QAM	1	8	19.92	19.85	19.95		
3	64QAM	1	14	19.94	19.89	19.92		
3	64QAM	8	0	19.98	19.97	19.97	21.3	0
3	64QAM	8	4	19.95	19.95	19.99		
3	64QAM	8	7	20.01	19.95	19.97		
3	64QAM	15	0	19.91	20.01	20.01		
3	256QAM	1	0	18.93	18.95	19.01	19.8	1.5
3	256QAM	1	8	18.95	18.96	19.04		
3	256QAM	1	14	18.97	19.01	18.95		
3	256QAM	8	0	18.93	18.95	18.96	19.8	1.5
3	256QAM	8	4	18.96	18.96	18.91		
3	256QAM	8	7	19.05	18.97	19.06		
3	256QAM	15	0	19.02	18.97	18.92		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.83	20.00	19.94	21.3	0
1.4	QPSK	1	3	19.94	19.99	19.92		
1.4	QPSK	1	5	19.95	20.05	19.93		
1.4	QPSK	3	0	19.93	20.04	19.94		
1.4	QPSK	3	1	19.85	19.88	19.91		
1.4	QPSK	3	3	19.94	20.02	19.95		
1.4	QPSK	6	0	20.04	20.00	19.92	21.3	0
1.4	16QAM	1	0	19.99	19.95	20.04	21.3	0
1.4	16QAM	1	3	19.99	19.93	19.93		
1.4	16QAM	1	5	19.99	20.03	19.96		
1.4	16QAM	3	0	20.03	19.93	19.91		
1.4	16QAM	3	1	19.96	19.99	20.00		
1.4	16QAM	3	3	20.01	19.98	20.01		
1.4	16QAM	6	0	19.95	19.90	19.94	21.3	0
1.4	64QAM	1	0	20.00	20.00	20.01	21.3	0
1.4	64QAM	1	3	19.95	19.90	19.93		
1.4	64QAM	1	5	19.94	19.85	19.93		
1.4	64QAM	3	0	20.02	19.99	20.04		
1.4	64QAM	3	1	20.03	19.88	19.98		
1.4	64QAM	3	3	19.97	20.01	19.96		
1.4	64QAM	6	0	19.89	19.99	19.98	21.3	0
1.4	256QAM	1	0	18.95	18.96	19.04	19.8	1.5
1.4	256QAM	1	3	19.04	18.90	19.05		
1.4	256QAM	1	5	18.98	18.93	18.90		
1.4	256QAM	3	0	18.88	18.98	19.00		
1.4	256QAM	3	1	18.95	18.93	18.92		
1.4	256QAM	3	3	19.12	19.03	19.04		
1.4	256QAM	6	0	19.02	18.98	18.92	19.8	1.5

Band 71_ANT 1(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.00	24.15	24.10	24.8	0
20	QPSK	1	49	23.98	23.99	24.09		
20	QPSK	1	99	23.96	23.98	23.89		
20	QPSK	50	0	23.08	23.10	23.07	23.8	1
20	QPSK	50	24	23.08	22.94	23.00		
20	QPSK	50	50	23.08	22.90	23.04		
20	QPSK	100	0	23.02	23.07	23.00		
20	16QAM	1	0	23.15	23.41	23.36	23.8	1
20	16QAM	1	49	23.25	23.47	23.38		
20	16QAM	1	99	23.20	23.14	23.01		
20	16QAM	50	0	21.95	22.10	22.11	22.8	2
20	16QAM	50	24	22.12	22.04	22.08		
20	16QAM	50	50	22.07	21.98	22.03		
20	16QAM	100	0	22.09	22.10	21.96		
20	64QAM	1	0	22.20	22.26	22.25	22.8	2
20	64QAM	1	49	22.15	22.22	22.10		
20	64QAM	1	99	22.09	22.19	22.17		
20	64QAM	50	0	20.97	21.14	21.04	21.8	3
20	64QAM	50	24	21.05	21.02	21.02		
20	64QAM	50	50	21.08	21.00	20.88		
20	64QAM	100	0	21.06	21.13	20.94		
20	256QAM	1	0	18.99	19.11	19.07	19.8	5
20	256QAM	1	49	19.10	19.20	19.18		
20	256QAM	1	99	19.26	19.21	19.17		
20	256QAM	50	0	19.02	19.12	19.06	19.8	5
20	256QAM	50	24	19.09	19.05	19.06		
20	256QAM	50	50	19.08	19.07	19.05		
20	256QAM	100	0	19.11	19.14	19.10		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.98	23.99	24.01	24.8	0
15	QPSK	1	37	24.08	24.10	23.96		
15	QPSK	1	74	24.01	24.00	24.08		
15	QPSK	36	0	23.06	23.09	23.05	23.8	1
15	QPSK	36	20	23.08	23.02	23.01		
15	QPSK	36	39	23.01	23.06	22.98		
15	QPSK	75	0	23.09	23.03	23.00		
15	16QAM	1	0	23.30	23.24	23.28	23.8	1
15	16QAM	1	37	23.14	23.22	23.16		
15	16QAM	1	74	23.13	23.11	23.07		
15	16QAM	36	0	22.06	22.07	22.10	22.8	2
15	16QAM	36	20	22.13	22.10	22.05		
15	16QAM	36	39	22.06	22.07	22.01		
15	16QAM	75	0	22.10	22.04	22.03		
15	64QAM	1	0	22.14	22.25	22.11	22.8	2
15	64QAM	1	37	22.16	22.22	22.15		
15	64QAM	1	74	22.08	22.17	22.09		
15	64QAM	36	0	21.01	21.05	21.07	21.8	3
15	64QAM	36	20	21.06	21.03	21.02		
15	64QAM	36	39	20.98	21.01	21.00		
15	64QAM	75	0	21.09	21.10	21.04		
15	256QAM	1	0	18.98	19.06	19.14	19.8	5
15	256QAM	1	37	19.11	19.16	19.20		
15	256QAM	1	74	19.25	19.21	19.19		
15	256QAM	36	0	19.00	19.07	19.08	19.8	5
15	256QAM	36	20	19.08	19.04	19.04		
15	256QAM	36	39	19.08	19.04	19.09		
15	256QAM	75	0	19.13	19.13	19.13		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	24.06	24.10	24.09	24.8	0
10	QPSK	1	25	24.11	24.10	24.11		
10	QPSK	1	49	24.13	24.11	24.03		
10	QPSK	25	0	23.11	23.13	23.07	23.8	1
10	QPSK	25	12	23.15	23.24	23.13		
10	QPSK	25	25	23.16	23.17	23.14		
10	QPSK	50	0	23.20	23.23	23.05		
10	16QAM	1	0	23.21	23.26	23.31	23.8	1
10	16QAM	1	25	23.33	23.34	23.31		
10	16QAM	1	49	23.25	23.18	23.11		
10	16QAM	25	0	22.20	22.16	22.15	22.8	2
10	16QAM	25	12	22.17	22.20	22.14		
10	16QAM	25	25	22.19	22.21	22.17		
10	16QAM	50	0	22.18	22.20	22.15		
10	64QAM	1	0	22.23	22.26	22.29	22.8	2
10	64QAM	1	25	22.32	22.33	22.25		
10	64QAM	1	49	22.28	22.22	22.24		
10	64QAM	25	0	21.19	21.17	21.13	21.8	3
10	64QAM	25	12	21.18	21.27	21.11		
10	64QAM	25	25	21.21	21.29	21.20		
10	64QAM	50	0	21.09	21.19	21.06		
10	256QAM	1	0	18.97	19.04	19.11	19.8	5
10	256QAM	1	25	19.10	19.22	19.16		
10	256QAM	1	49	19.28	19.20	19.19		
10	256QAM	25	0	19.05	19.07	19.10	19.8	5
10	256QAM	25	12	19.10	19.05	19.02		
10	256QAM	25	25	19.08	19.04	19.06		
10	256QAM	50	0	19.13	19.12	19.13		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.12	24.09	24.06	24.8	0
5	QPSK	1	12	24.07	24.10	24.08		
5	QPSK	1	24	24.11	24.07	24.05		
5	QPSK	12	0	23.10	23.11	23.08	23.8	1
5	QPSK	12	7	23.15	23.19	23.17		
5	QPSK	12	13	23.12	23.20	23.15		
5	QPSK	25	0	23.19	23.16	23.17		
5	16QAM	1	0	23.27	23.25	23.25	23.8	1
5	16QAM	1	12	23.33	23.27	23.26		
5	16QAM	1	24	23.26	23.29	23.14		
5	16QAM	12	0	22.13	22.18	22.11	22.8	2
5	16QAM	12	7	22.22	22.27	22.24		
5	16QAM	12	13	22.15	22.20	22.17		
5	16QAM	25	0	22.17	22.22	22.15		
5	64QAM	1	0	22.27	22.24	22.23	22.8	2
5	64QAM	1	12	22.20	22.32	22.28		
5	64QAM	1	24	22.18	22.19	22.18		
5	64QAM	12	0	21.17	21.13	21.14	21.8	3
5	64QAM	12	7	21.24	21.29	21.18		
5	64QAM	12	13	21.18	21.15	21.19		
5	64QAM	25	0	21.17	21.19	21.17		
5	256QAM	1	0	19.01	19.09	19.14	19.8	5
5	256QAM	1	12	19.13	19.21	19.17		
5	256QAM	1	24	19.22	19.20	19.24		
5	256QAM	12	0	18.99	19.08	19.12	19.8	5
5	256QAM	12	7	19.08	19.06	19.06		
5	256QAM	12	13	19.06	19.04	19.04		
5	256QAM	25	0	19.07	19.09	19.12		

Band 2_ANT 3(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.90	19.92	19.88	21.3	0
20	QPSK	1	49	19.87	19.82	19.79		
20	QPSK	1	99	19.79	19.89	19.79		
20	QPSK	50	0	19.85	19.90	19.83	21.3	0
20	QPSK	50	24	19.78	19.88	19.80		
20	QPSK	50	50	19.84	19.86	19.81		
20	QPSK	100	0	19.77	19.88	19.82		
20	16QAM	1	0	19.82	19.83	19.83	21.3	0
20	16QAM	1	49	19.87	19.87	19.86		
20	16QAM	1	99	19.86	19.85	19.77		
20	16QAM	50	0	19.88	19.81	19.88	21.3	0
20	16QAM	50	24	19.88	19.83	19.83		
20	16QAM	50	50	19.84	19.82	19.78		
20	16QAM	100	0	19.86	19.85	19.77		
20	64QAM	1	0	19.77	19.78	19.84	21.3	0
20	64QAM	1	49	19.89	19.88	19.79		
20	64QAM	1	99	19.85	19.79	19.90		
20	64QAM	50	0	19.84	19.79	19.81	21.3	0
20	64QAM	50	24	19.78	19.81	19.86		
20	64QAM	50	50	19.86	19.85	19.77		
20	64QAM	100	0	19.88	19.88	19.79		
20	256QAM	1	0	19.00	18.94	18.93	19.8	1.5
20	256QAM	1	49	18.99	18.89	18.99		
20	256QAM	1	99	18.99	18.89	19.01		
20	256QAM	50	0	18.89	18.92	18.85	19.8	1.5
20	256QAM	50	24	18.90	18.93	18.90		
20	256QAM	50	50	18.94	18.83	18.89		
20	256QAM	100	0	18.88	18.84	18.92		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.75	19.82	19.85	21.3	0
15	QPSK	1	37	19.83	19.75	19.71		
15	QPSK	1	74	19.70	19.83	19.66		
15	QPSK	36	0	19.74	19.79	19.66	21.3	0
15	QPSK	36	20	19.69	19.76	19.84		
15	QPSK	36	39	19.81	19.77	19.82		
15	QPSK	75	0	19.72	19.76	19.77		
15	16QAM	1	0	19.74	19.73	19.79	21.3	0
15	16QAM	1	37	19.81	19.84	19.76		
15	16QAM	1	74	19.74	19.78	19.70		
15	16QAM	36	0	19.76	19.71	19.79	21.3	0
15	16QAM	36	20	19.75	19.72	19.78		
15	16QAM	36	39	19.76	19.75	19.70		
15	16QAM	75	0	19.76	19.82	19.64		
15	64QAM	1	0	19.74	19.70	19.71	21.3	0
15	64QAM	1	37	19.80	19.84	19.76		
15	64QAM	1	74	19.78	19.73	19.85		
15	64QAM	36	0	19.73	19.72	19.74	21.3	0
15	64QAM	36	20	19.75	19.73	19.81		
15	64QAM	36	39	19.75	19.73	19.72		
15	64QAM	75	0	19.81	19.82	19.69		
15	256QAM	1	0	18.97	18.81	18.87	19.8	1.5
15	256QAM	1	37	18.90	18.82	18.87		
15	256QAM	1	74	18.87	18.76	18.97		
15	256QAM	36	0	18.86	18.85	18.79	19.8	1.5
15	256QAM	36	20	18.87	18.80	18.81		
15	256QAM	36	39	18.91	18.74	18.76		
15	256QAM	75	0	18.85	18.76	18.87		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.79	19.83	19.84	21.3	0
10	QPSK	1	25	19.75	19.75	19.72		
10	QPSK	1	49	19.73	19.80	19.76		
10	QPSK	25	0	19.70	19.83	19.73	21.3	0
10	QPSK	25	12	19.73	19.81	19.86		
10	QPSK	25	25	19.77	19.81	19.86		
10	QPSK	50	0	19.66	19.76	19.79		
10	16QAM	1	0	19.74	19.71	19.72	21.3	0
10	16QAM	1	25	19.79	19.78	19.76		
10	16QAM	1	49	19.78	19.82	19.74		
10	16QAM	25	0	19.76	19.78	19.83	21.3	0
10	16QAM	25	12	19.82	19.75	19.80		
10	16QAM	25	25	19.71	19.76	19.70		
10	16QAM	50	0	19.74	19.76	19.70		
10	64QAM	1	0	19.73	19.66	19.72	21.3	0
10	64QAM	1	25	19.82	19.83	19.75		
10	64QAM	1	49	19.74	19.72	19.77		
10	64QAM	25	0	19.80	19.66	19.76	21.3	0
10	64QAM	25	12	19.75	19.68	19.75		
10	64QAM	25	25	19.79	19.74	19.67		
10	64QAM	50	0	19.77	19.85	19.76		
10	256QAM	1	0	18.94	18.84	18.81	19.8	1.5
10	256QAM	1	25	18.92	18.84	18.92		
10	256QAM	1	49	18.94	18.83	18.91		
10	256QAM	25	0	18.77	18.84	18.78	19.8	1.5
10	256QAM	25	12	18.83	18.86	18.84		
10	256QAM	25	25	18.86	18.75	18.79		
10	256QAM	50	0	18.80	18.81	18.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.75	19.82	19.76	21.3	0
5	QPSK	1	12	19.76	19.72	19.71		
5	QPSK	1	24	19.76	19.79	19.68		
5	QPSK	12	0	19.75	19.81	19.68	21.3	0
5	QPSK	12	7	19.71	19.81	19.78		
5	QPSK	12	13	19.80	19.81	19.78		
5	QPSK	25	0	19.67	19.79	19.79		
5	16QAM	1	0	19.78	19.72	19.72	21.3	0
5	16QAM	1	12	19.83	19.80	19.76		
5	16QAM	1	24	19.80	19.78	19.73		
5	16QAM	12	0	19.81	19.75	19.84	21.3	0
5	16QAM	12	7	19.82	19.72	19.72		
5	16QAM	12	13	19.74	19.73	19.75		
5	16QAM	25	0	19.79	19.82	19.69		
5	64QAM	1	0	19.74	19.72	19.72	21.3	0
5	64QAM	1	12	19.85	19.75	19.73		
5	64QAM	1	24	19.80	19.70	19.77		
5	64QAM	12	0	19.75	19.76	19.76	21.3	0
5	64QAM	12	7	19.72	19.77	19.74		
5	64QAM	12	13	19.79	19.76	19.66		
5	64QAM	25	0	19.85	19.75	19.70		
5	256QAM	1	0	18.97	18.84	18.82	19.8	1.5
5	256QAM	1	12	18.87	18.80	18.86		
5	256QAM	1	24	18.92	18.86	18.93		
5	256QAM	12	0	18.85	18.83	18.77	19.8	1.5
5	256QAM	12	7	18.80	18.85	18.82		
5	256QAM	12	13	18.86	18.72	18.78		
5	256QAM	25	0	18.82	18.77	18.86		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.73	19.80	19.85	21.3	0
3	QPSK	1	8	19.78	19.75	19.72		
3	QPSK	1	14	19.71	19.79	19.73		
3	QPSK	8	0	19.66	19.81	19.70	21.3	0
3	QPSK	8	4	19.71	19.81	19.84		
3	QPSK	8	7	19.75	19.76	19.85		
3	QPSK	15	0	19.67	19.78	19.75		
3	16QAM	1	0	19.75	19.74	19.77	21.3	0
3	16QAM	1	8	19.77	19.84	19.83		
3	16QAM	1	14	19.73	19.77	19.73		
3	16QAM	8	0	19.83	19.75	19.81	21.3	0
3	16QAM	8	4	19.76	19.71	19.76		
3	16QAM	8	7	19.75	19.70	19.67		
3	16QAM	15	0	19.79	19.82	19.71		
3	64QAM	1	0	19.65	19.65	19.75	21.3	0
3	64QAM	1	8	19.79	19.85	19.72		
3	64QAM	1	14	19.78	19.75	19.83		
3	64QAM	8	0	19.74	19.71	19.78	21.3	0
3	64QAM	8	4	19.69	19.72	19.73		
3	64QAM	8	7	19.75	19.81	19.73		
3	64QAM	15	0	19.82	19.78	19.75		
3	256QAM	1	0	18.89	18.88	18.86	19.8	1.5
3	256QAM	1	8	18.87	18.81	18.92		
3	256QAM	1	14	18.89	18.86	18.94		
3	256QAM	8	0	18.86	18.80	18.76	19.8	1.5
3	256QAM	8	4	18.81	18.83	18.84		
3	256QAM	8	7	18.90	18.73	18.79		
3	256QAM	15	0	18.81	18.76	18.81		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.80	19.86	19.75	21.3	0
1.4	QPSK	1	3	19.79	19.74	19.73		
1.4	QPSK	1	5	19.66	19.79	19.71		
1.4	QPSK	3	0	19.72	19.77	19.74		
1.4	QPSK	3	1	19.70	19.82	19.80		
1.4	QPSK	3	3	19.80	19.82	19.80		
1.4	QPSK	6	0	19.70	19.84	19.82	21.3	0
1.4	16QAM	1	0	19.76	19.70	19.72	21.3	0
1.4	16QAM	1	3	19.81	19.76	19.81		
1.4	16QAM	1	5	19.82	19.81	19.66		
1.4	16QAM	3	0	19.84	19.70	19.80		
1.4	16QAM	3	1	19.82	19.79	19.79		
1.4	16QAM	3	3	19.77	19.70	19.74		
1.4	16QAM	6	0	19.74	19.76	19.65	21.3	0
1.4	64QAM	1	0	19.68	19.70	19.71	21.3	0
1.4	64QAM	1	3	19.78	19.82	19.66		
1.4	64QAM	1	5	19.75	19.76	19.86		
1.4	64QAM	3	0	19.75	19.72	19.73		
1.4	64QAM	3	1	19.66	19.69	19.79		
1.4	64QAM	3	3	19.81	19.77	19.70		
1.4	64QAM	6	0	19.77	19.85	19.70	21.3	0
1.4	256QAM	1	0	18.90	18.83	18.84	19.8	1.5
1.4	256QAM	1	3	18.96	18.80	18.90		
1.4	256QAM	1	5	18.93	18.84	18.88		
1.4	256QAM	3	0	18.84	18.85	18.75		
1.4	256QAM	3	1	18.81	18.82	18.78		
1.4	256QAM	3	3	18.82	18.80	18.81		
1.4	256QAM	6	0	18.83	18.72	18.81	19.8	1.5

Band 4_ANT 3(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.05	20.26	20.21	21.3	0
20	QPSK	1	49	20.01	20.02	20.07		
20	QPSK	1	99	20.00	20.07	20.11		
20	QPSK	50	0	20.06	20.12	20.10	21.3	0
20	QPSK	50	24	20.04	20.09	20.07		
20	QPSK	50	50	20.00	20.11	20.05		
20	QPSK	100	0	20.09	20.11	20.10		
20	16QAM	1	0	20.00	20.01	20.08	21.3	0
20	16QAM	1	49	20.02	20.11	20.01		
20	16QAM	1	99	20.04	20.03	20.08		
20	16QAM	50	0	20.05	20.12	20.04	21.3	0
20	16QAM	50	24	20.00	20.09	20.05		
20	16QAM	50	50	20.07	20.09	20.09		
20	16QAM	100	0	20.09	20.10	20.01		
20	64QAM	1	0	20.01	20.07	20.09	21.3	0
20	64QAM	1	49	20.07	20.01	20.05		
20	64QAM	1	99	20.03	20.10	20.06		
20	64QAM	50	0	19.99	20.06	20.03	21.3	0
20	64QAM	50	24	20.10	20.07	20.09		
20	64QAM	50	50	20.04	20.09	20.10		
20	64QAM	100	0	20.09	20.12	20.08		
20	256QAM	1	0	18.94	18.90	18.95	19.8	1.5
20	256QAM	1	49	18.97	18.96	18.95		
20	256QAM	1	99	18.88	18.89	18.88		
20	256QAM	50	0	18.93	18.89	18.96	19.8	1.5
20	256QAM	50	24	18.89	18.90	18.99		
20	256QAM	50	50	18.96	18.88	18.92		
20	256QAM	100	0	18.95	18.89	18.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.93	20.03	20.13	21.3	0
15	QPSK	1	37	19.98	19.93	19.99		
15	QPSK	1	74	19.93	19.99	20.05		
15	QPSK	36	0	19.92	20.08	19.99	21.3	0
15	QPSK	36	20	20.00	20.02	19.94		
15	QPSK	36	39	19.88	20.05	19.92		
15	QPSK	75	0	19.98	20.00	20.00		
15	16QAM	1	0	19.87	19.94	19.97	21.3	0
15	16QAM	1	37	19.94	20.05	19.91		
15	16QAM	1	74	19.97	19.97	20.03		
15	16QAM	36	0	19.94	20.05	20.00	21.3	0
15	16QAM	36	20	19.95	20.06	19.92		
15	16QAM	36	39	19.99	19.99	19.98		
15	16QAM	75	0	20.03	20.03	19.98		
15	64QAM	1	0	19.90	20.02	19.96	21.3	0
15	64QAM	1	37	19.99	19.91	19.96		
15	64QAM	1	74	19.96	20.00	19.93		
15	64QAM	36	0	19.94	20.02	19.90	21.3	0
15	64QAM	36	20	20.03	20.01	20.03		
15	64QAM	36	39	19.99	20.01	20.00		
15	64QAM	75	0	20.00	20.00	20.02		
15	256QAM	1	0	18.89	18.82	18.84	19.8	1.5
15	256QAM	1	37	18.84	18.88	18.91		
15	256QAM	1	74	18.78	18.80	18.81		
15	256QAM	36	0	18.86	18.85	18.88	19.8	1.5
15	256QAM	36	20	18.80	18.86	18.94		
15	256QAM	36	39	18.84	18.78	18.86		
15	256QAM	75	0	18.84	18.81	18.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.02	20.08	20.19	21.3	0
10	QPSK	1	25	19.97	19.92	19.94		
10	QPSK	1	49	19.98	19.95	20.02		
10	QPSK	25	0	19.92	20.03	20.00	21.3	0
10	QPSK	25	12	19.91	19.99	19.98		
10	QPSK	25	25	19.94	20.01	20.02		
10	QPSK	50	0	19.96	20.04	19.98		
10	16QAM	1	0	19.87	19.89	19.95	21.3	0
10	16QAM	1	25	19.89	19.98	19.88		
10	16QAM	1	49	19.97	19.91	20.03		
10	16QAM	25	0	19.98	19.99	19.98	21.3	0
10	16QAM	25	12	19.93	20.03	19.95		
10	16QAM	25	25	19.95	19.97	19.97		
10	16QAM	50	0	20.00	20.00	19.94		
10	64QAM	1	0	19.93	20.00	19.98	21.3	0
10	64QAM	1	25	20.00	19.92	19.92		
10	64QAM	1	49	19.99	20.03	19.99		
10	64QAM	25	0	19.95	19.99	19.96	21.3	0
10	64QAM	25	12	20.02	19.94	20.00		
10	64QAM	25	25	19.93	20.02	20.04		
10	64QAM	50	0	20.06	20.02	20.02		
10	256QAM	1	0	18.87	18.80	18.86	19.8	1.5
10	256QAM	1	25	18.94	18.83	18.91		
10	256QAM	1	49	18.85	18.78	18.80		
10	256QAM	25	0	18.89	18.86	18.91	19.8	1.5
10	256QAM	25	12	18.81	18.84	18.89		
10	256QAM	25	25	18.84	18.78	18.87		
10	256QAM	50	0	18.90	18.85	18.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.00	20.07	20.13	21.3	0
5	QPSK	1	12	19.93	19.99	20.00		
5	QPSK	1	24	19.93	19.95	20.04		
5	QPSK	12	0	19.91	20.06	20.05	21.3	0
5	QPSK	12	7	19.93	19.97	19.94		
5	QPSK	12	13	19.94	20.01	19.96		
5	QPSK	25	0	20.06	20.08	19.97		
5	16QAM	1	0	19.95	19.98	19.99	21.3	0
5	16QAM	1	12	19.98	20.05	19.89		
5	16QAM	1	24	19.93	19.94	20.01		
5	16QAM	12	0	19.97	19.99	19.98	21.3	0
5	16QAM	12	7	19.90	20.00	20.02		
5	16QAM	12	13	19.98	19.97	20.06		
5	16QAM	25	0	20.04	20.01	19.96		
5	64QAM	1	0	19.92	19.95	20.03	21.3	0
5	64QAM	1	12	20.03	19.89	19.99		
5	64QAM	1	24	19.96	19.99	19.98		
5	64QAM	12	0	19.86	19.94	19.95	21.3	0
5	64QAM	12	7	20.06	19.97	19.98		
5	64QAM	12	13	19.94	20.06	19.98		
5	64QAM	25	0	20.01	20.04	19.95		
5	256QAM	1	0	18.81	18.85	18.88	19.8	1.5
5	256QAM	1	12	18.89	18.85	18.86		
5	256QAM	1	24	18.84	18.81	18.82		
5	256QAM	12	0	18.90	18.80	18.84	19.8	1.5
5	256QAM	12	7	18.77	18.82	18.92		
5	256QAM	12	13	18.91	18.79	18.85		
5	256QAM	25	0	18.82	18.81	18.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.92	20.03	20.19	21.3	0
3	QPSK	1	8	19.89	19.94	20.03		
3	QPSK	1	14	19.98	19.95	20.02		
3	QPSK	8	0	19.89	20.02	20.05	21.3	0
3	QPSK	8	4	19.98	19.96	19.97		
3	QPSK	8	7	19.89	20.01	20.01		
3	QPSK	15	0	20.02	20.04	20.06		
3	16QAM	1	0	19.90	19.93	20.02	21.3	0
3	16QAM	1	8	19.89	20.07	19.96		
3	16QAM	1	14	20.00	19.95	19.95		
3	16QAM	8	0	19.96	20.00	19.99	21.3	0
3	16QAM	8	4	19.87	20.00	19.94		
3	16QAM	8	7	19.98	20.01	19.99		
3	16QAM	15	0	20.00	19.97	19.97		
3	64QAM	1	0	19.92	20.02	20.03	21.3	0
3	64QAM	1	8	20.03	19.91	19.96		
3	64QAM	1	14	19.92	20.01	19.93		
3	64QAM	8	0	19.89	19.95	19.91	21.3	0
3	64QAM	8	4	19.99	20.02	20.06		
3	64QAM	8	7	19.96	20.04	19.99		
3	64QAM	15	0	19.96	20.05	20.02		
3	256QAM	1	0	18.91	18.84	18.87	19.8	1.5
3	256QAM	1	8	18.89	18.84	18.82		
3	256QAM	1	14	18.80	18.84	18.80		
3	256QAM	8	0	18.85	18.80	18.87	19.8	1.5
3	256QAM	8	4	18.84	18.84	18.91		
3	256QAM	8	7	18.83	18.75	18.83		
3	256QAM	15	0	18.89	18.80	18.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.02	20.09	20.18	21.3	0
1.4	QPSK	1	3	19.96	19.98	19.94		
1.4	QPSK	1	5	19.93	19.97	20.03		
1.4	QPSK	3	0	19.95	20.06	20.07		
1.4	QPSK	3	1	19.98	19.96	20.01		
1.4	QPSK	3	3	19.88	20.06	19.99		
1.4	QPSK	6	0	20.06	20.01	20.00	21.3	0
1.4	16QAM	1	0	19.96	19.88	19.96	21.3	0
1.4	16QAM	1	3	19.97	20.02	19.95		
1.4	16QAM	1	5	19.93	19.99	20.05		
1.4	16QAM	3	0	19.97	20.09	19.98		
1.4	16QAM	3	1	19.96	20.02	19.97		
1.4	16QAM	3	3	20.00	20.06	19.96		
1.4	16QAM	6	0	19.97	20.06	19.98	21.3	0
1.4	64QAM	1	0	19.96	20.04	19.96	21.3	0
1.4	64QAM	1	3	20.03	19.97	19.96		
1.4	64QAM	1	5	19.98	20.05	20.01		
1.4	64QAM	3	0	19.96	19.96	19.96		
1.4	64QAM	3	1	19.99	19.95	20.00		
1.4	64QAM	3	3	19.98	19.96	20.05		
1.4	64QAM	6	0	20.00	20.07	20.04	21.3	0
1.4	256QAM	1	0	18.84	18.80	18.87	19.8	1.5
1.4	256QAM	1	3	18.92	18.84	18.90		
1.4	256QAM	1	5	18.76	18.81	18.82		
1.4	256QAM	3	0	18.83	18.81	18.92		
1.4	256QAM	3	1	18.85	18.85	18.96		
1.4	256QAM	3	3	18.89	18.75	18.82		
1.4	256QAM	6	0	18.85	18.85	18.82	19.8	1.5

Band 25_ANT 3(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.02	20.08	20.06	21.3	0
20	QPSK	1	49	19.96	20.00	19.98		
20	QPSK	1	99	20.01	20.02	20.05		
20	QPSK	50	0	20.04	20.05	20.03	21.3	0
20	QPSK	50	24	19.93	20.01	20.02		
20	QPSK	50	50	19.93	20.03	19.98		
20	QPSK	100	0	19.99	20.04	20.01		
20	16QAM	1	0	20.03	19.98	20.03	21.3	0
20	16QAM	1	49	20.05	19.94	20.04		
20	16QAM	1	99	20.00	19.98	20.01		
20	16QAM	50	0	20.02	20.01	20.06	21.3	0
20	16QAM	50	24	20.05	20.03	20.04		
20	16QAM	50	50	20.02	19.99	19.96		
20	16QAM	100	0	19.95	20.02	20.05		
20	64QAM	1	0	20.06	19.98	19.96	21.3	0
20	64QAM	1	49	19.94	20.03	19.98		
20	64QAM	1	99	20.05	20.02	20.01		
20	64QAM	50	0	19.96	19.95	19.99	21.3	0
20	64QAM	50	24	19.99	19.93	19.95		
20	64QAM	50	50	20.01	20.02	20.01		
20	64QAM	100	0	20.03	20.01	19.99		
20	256QAM	1	0	18.93	18.86	18.91	19.8	1.5
20	256QAM	1	49	18.93	18.83	18.92		
20	256QAM	1	99	18.87	18.93	18.92		
20	256QAM	50	0	18.90	18.88	18.81	19.8	1.5
20	256QAM	50	24	18.86	18.89	18.87		
20	256QAM	50	50	18.87	18.89	18.88		
20	256QAM	100	0	18.91	18.88	18.86		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.84	20.02	19.87	21.3	0
15	QPSK	1	37	19.83	19.88	19.86		
15	QPSK	1	74	19.95	19.95	19.92		
15	QPSK	36	0	19.99	19.96	19.90	21.3	0
15	QPSK	36	20	19.85	19.97	19.99		
15	QPSK	36	39	19.89	20.00	19.86		
15	QPSK	75	0	19.93	19.96	19.94		
15	16QAM	1	0	19.92	19.88	19.98	21.3	0
15	16QAM	1	37	19.92	19.88	20.00		
15	16QAM	1	74	19.97	19.86	19.96		
15	16QAM	36	0	19.92	19.96	20.01	21.3	0
15	16QAM	36	20	20.01	19.90	19.95		
15	16QAM	36	39	19.97	19.88	19.86		
15	16QAM	75	0	19.86	19.91	19.96		
15	64QAM	1	0	19.96	19.93	19.84	21.3	0
15	64QAM	1	37	19.89	19.93	19.88		
15	64QAM	1	74	19.98	19.95	19.92		
15	64QAM	36	0	19.90	19.85	19.95	21.3	0
15	64QAM	36	20	19.93	19.83	19.86		
15	64QAM	36	39	19.93	19.99	19.92		
15	64QAM	75	0	19.92	19.97	19.89		
15	256QAM	1	0	18.87	18.76	18.85	19.8	1.5
15	256QAM	1	37	18.87	18.79	18.88		
15	256QAM	1	74	18.76	18.80	18.80		
15	256QAM	36	0	18.79	18.82	18.75	19.8	1.5
15	256QAM	36	20	18.82	18.85	18.81		
15	256QAM	36	39	18.82	18.84	18.83		
15	256QAM	75	0	18.79	18.82	18.77		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.82	20.04	19.85	21.3	0
10	QPSK	1	25	19.87	19.93	19.92		
10	QPSK	1	49	19.90	19.90	20.02		
10	QPSK	25	0	19.93	19.94	19.91	21.3	0
10	QPSK	25	12	19.86	19.92	19.99		
10	QPSK	25	25	19.82	19.90	19.94		
10	QPSK	50	0	19.93	19.91	19.96		
10	16QAM	1	0	19.93	19.91	19.99	21.3	0
10	16QAM	1	25	19.93	19.87	19.97		
10	16QAM	1	49	19.87	19.92	19.89		
10	16QAM	25	0	19.96	19.88	19.98	21.3	0
10	16QAM	25	12	19.97	19.90	20.00		
10	16QAM	25	25	19.96	19.92	19.90		
10	16QAM	50	0	19.83	19.90	20.00		
10	64QAM	1	0	19.97	19.93	19.86	21.3	0
10	64QAM	1	25	19.82	19.97	19.85		
10	64QAM	1	49	20.00	19.99	19.88		
10	64QAM	25	0	19.91	19.82	19.90	21.3	0
10	64QAM	25	12	19.95	19.81	19.91		
10	64QAM	25	25	19.95	19.97	19.94		
10	64QAM	50	0	19.96	19.98	19.96		
10	256QAM	1	0	18.88	18.83	18.86	19.8	1.5
10	256QAM	1	25	18.88	18.70	18.89		
10	256QAM	1	49	18.84	18.84	18.84		
10	256QAM	25	0	18.79	18.78	18.69	19.8	1.5
10	256QAM	25	12	18.76	18.80	18.76		
10	256QAM	25	25	18.81	18.82	18.83		
10	256QAM	50	0	18.88	18.75	18.78		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.90	20.05	19.85	21.3	0
5	QPSK	1	12	19.88	19.88	19.88		
5	QPSK	1	24	19.91	19.98	19.99		
5	QPSK	12	0	19.92	19.96	19.91	21.3	0
5	QPSK	12	7	19.86	19.95	19.92		
5	QPSK	12	13	19.87	20.00	19.88		
5	QPSK	25	0	19.92	19.96	19.95		
5	16QAM	1	0	19.94	19.93	19.98	21.3	0
5	16QAM	1	12	19.96	19.91	19.99		
5	16QAM	1	24	19.93	19.91	19.88		
5	16QAM	12	0	19.96	19.95	19.96	21.3	0
5	16QAM	12	7	19.99	19.97	19.99		
5	16QAM	12	13	19.93	19.92	19.92		
5	16QAM	25	0	19.88	19.91	19.96		
5	64QAM	1	0	20.03	19.94	19.92	21.3	0
5	64QAM	1	12	19.83	19.97	19.92		
5	64QAM	1	24	19.97	19.91	19.92		
5	64QAM	12	0	19.91	19.90	19.88	21.3	0
5	64QAM	12	7	19.88	19.88	19.84		
5	64QAM	12	13	19.94	19.90	19.88		
5	64QAM	25	0	19.93	19.93	19.92		
5	256QAM	1	0	18.87	18.80	18.80	19.8	1.5
5	256QAM	1	12	18.89	18.73	18.82		
5	256QAM	1	24	18.78	18.82	18.82		
5	256QAM	12	0	18.85	18.81	18.76	19.8	1.5
5	256QAM	12	7	18.74	18.80	18.76		
5	256QAM	12	13	18.82	18.82	18.78		
5	256QAM	25	0	18.82	18.78	18.78		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.65	19.76	19.75	21.3	0
3	QPSK	1	8	19.70	19.71	19.74		
3	QPSK	1	14	19.77	19.74	19.77		
3	QPSK	8	0	19.80	19.74	19.70	21.3	0
3	QPSK	8	4	19.64	19.72	19.70		
3	QPSK	8	7	19.62	19.73	19.67		
3	QPSK	15	0	19.70	19.73	19.75		
3	16QAM	1	0	19.77	19.73	19.70	21.3	0
3	16QAM	1	8	19.73	19.67	19.80		
3	16QAM	1	14	19.69	19.66	19.69		
3	16QAM	8	0	19.79	19.76	19.79	21.3	0
3	16QAM	8	4	19.77	19.71	19.72		
3	16QAM	8	7	19.69	19.73	19.66		
3	16QAM	15	0	19.69	19.73	19.79		
3	64QAM	1	0	19.78	19.73	19.69	21.3	0
3	64QAM	1	8	19.67	19.75	19.67		
3	64QAM	1	14	19.74	19.71	19.68		
3	64QAM	8	0	19.63	19.64	19.70	21.3	0
3	64QAM	8	4	19.72	19.66	19.67		
3	64QAM	8	7	19.77	19.79	19.74		
3	64QAM	15	0	19.80	19.74	19.67		
3	256QAM	1	0	18.82	18.77	18.81	19.8	1.5
3	256QAM	1	8	18.88	18.80	18.84		
3	256QAM	1	14	18.80	18.82	18.79		
3	256QAM	8	0	18.86	18.83	18.78	19.8	1.5
3	256QAM	8	4	18.80	18.81	18.84		
3	256QAM	8	7	18.78	18.81	18.85		
3	256QAM	15	0	18.85	18.76	18.82		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.72	19.79	19.74	21.3	0
1.4	QPSK	1	3	19.66	19.67	19.65		
1.4	QPSK	1	5	19.69	19.72	19.81		
1.4	QPSK	3	0	19.72	19.78	19.68		
1.4	QPSK	3	1	19.64	19.76	19.73		
1.4	QPSK	3	3	19.60	19.73	19.69		
1.4	QPSK	6	0	19.76	19.76	19.78	21.3	0
1.4	16QAM	1	0	19.78	19.74	19.76	21.3	0
1.4	16QAM	1	3	19.76	19.64	19.76		
1.4	16QAM	1	5	19.71	19.72	19.78		
1.4	16QAM	3	0	19.77	19.78	19.82		
1.4	16QAM	3	1	19.73	19.75	19.72		
1.4	16QAM	3	3	19.69	19.67	19.66		
1.4	16QAM	6	0	19.70	19.77	19.78	21.3	0
1.4	64QAM	1	0	19.78	19.69	19.72	21.3	0
1.4	64QAM	1	3	19.63	19.74	19.66		
1.4	64QAM	1	5	19.73	19.70	19.73		
1.4	64QAM	3	0	19.71	19.71	19.74		
1.4	64QAM	3	1	19.68	19.63	19.72		
1.4	64QAM	3	3	19.73	19.71	19.68		
1.4	64QAM	6	0	19.75	19.72	19.75	21.3	0
1.4	256QAM	1	0	18.86	18.81	18.81	19.8	1.5
1.4	256QAM	1	3	18.82	18.74	18.84		
1.4	256QAM	1	5	18.74	18.84	18.80		
1.4	256QAM	3	0	18.85	18.78	18.69		
1.4	256QAM	3	1	18.81	18.83	18.76		
1.4	256QAM	3	3	18.84	18.77	18.77		
1.4	256QAM	6	0	18.80	18.85	18.79	19.8	1.5

Band 30_ANT 3(DSB&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.41		20.8	0
10	QPSK	1	25		19.36			
10	QPSK	1	49		19.26			
10	QPSK	25	0		19.38		20.8	0
10	QPSK	25	12		19.36			
10	QPSK	25	25		19.27			
10	QPSK	50	0		19.36			
10	16QAM	1	0		19.35		20.8	0
10	16QAM	1	25		19.26			
10	16QAM	1	49		19.26			
10	16QAM	25	0		19.36		20.8	0
10	16QAM	25	12		19.27			
10	16QAM	25	25		19.27			
10	16QAM	50	0		19.27			
10	64QAM	1	0		19.39		20.8	0
10	64QAM	1	25		19.39			
10	64QAM	1	49		19.26			
10	64QAM	25	0		19.26		20.8	0
10	64QAM	25	12		19.27			
10	64QAM	25	25		19.34			
10	64QAM	50	0		19.37			
10	256QAM	1	0		18.93		19.8	1
10	256QAM	1	25		18.95			
10	256QAM	1	49		18.97			
10	256QAM	25	0		18.94		19.8	1
10	256QAM	25	12		18.90			
10	256QAM	25	25		18.88			
10	256QAM	50	0		18.82			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.28	19.35	19.32	20.8	0
5	QPSK	1	12	19.24	19.25	19.24		
5	QPSK	1	24	19.14	19.14	19.18		
5	QPSK	12	0	19.27	19.21	19.26	20.8	0
5	QPSK	12	7	19.29	19.25	19.32		
5	QPSK	12	13	19.20	19.21	19.23		
5	QPSK	25	0	19.30	19.28	19.33		
5	16QAM	1	0	19.28	19.26	19.31	20.8	0
5	16QAM	1	12	19.13	19.14	19.16		
5	16QAM	1	24	19.23	19.14	19.16		
5	16QAM	12	0	19.29	19.23	19.29	20.8	0
5	16QAM	12	7	19.22	19.18	19.21		
5	16QAM	12	13	19.14	19.23	19.23		
5	16QAM	25	0	19.21	19.19	19.19		
5	64QAM	1	0	19.28	19.35	19.28	20.8	0
5	64QAM	1	12	19.29	19.35	19.33		
5	64QAM	1	24	19.17	19.14	19.16		
5	64QAM	12	0	19.14	19.18	19.19	20.8	0
5	64QAM	12	7	19.14	19.20	19.24		
5	64QAM	12	13	19.23	19.27	19.27		
5	64QAM	25	0	19.25	19.30	19.32		
5	256QAM	1	0	18.89	18.82	18.90	19.8	1
5	256QAM	1	12	18.84	18.90	18.86		
5	256QAM	1	24	18.88	18.93	18.92		
5	256QAM	12	0	18.84	18.84	18.91	19.8	1
5	256QAM	12	7	18.78	18.83	18.81		
5	256QAM	12	13	18.76	18.82	18.82		
5	256QAM	25	0	18.74	18.69	18.72		

Band 66_ANT 3(DSB&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.30	20.32	20.27	21.3	0
20	QPSK	1	49	20.20	20.28	20.20		
20	QPSK	1	99	20.23	20.30	20.25		
20	QPSK	50	0	20.28	20.31	20.29	21.3	0
20	QPSK	50	24	20.18	20.21	20.19		
20	QPSK	50	50	20.21	20.29	20.27		
20	QPSK	100	0	20.28	20.30	20.18		
20	16QAM	1	0	20.08	20.00	20.10	21.3	0
20	16QAM	1	49	20.05	20.05	19.98		
20	16QAM	1	99	20.09	20.10	20.03		
20	16QAM	50	0	20.06	20.02	20.01	21.3	0
20	16QAM	50	24	20.07	20.06	20.09		
20	16QAM	50	50	20.10	20.02	20.09		
20	16QAM	100	0	20.04	20.02	20.03		
20	64QAM	1	0	20.07	20.07	20.06	21.3	0
20	64QAM	1	49	20.05	19.97	20.03		
20	64QAM	1	99	20.06	19.98	20.01		
20	64QAM	50	0	20.09	20.10	20.07	21.3	0
20	64QAM	50	24	20.07	19.99	20.07		
20	64QAM	50	50	20.09	20.04	20.07		
20	64QAM	100	0	20.00	20.05	20.08		
20	256QAM	1	0	19.02	19.04	19.08	19.8	1.5
20	256QAM	1	49	19.07	19.03	19.13		
20	256QAM	1	99	19.05	19.06	19.03		
20	256QAM	50	0	19.01	19.03	19.04	19.8	1.5
20	256QAM	50	24	19.05	19.06	19.03		
20	256QAM	50	50	19.15	19.08	19.11		
20	256QAM	100	0	19.08	19.05	19.05		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.86	20.09	19.91	21.3	0
15	QPSK	1	37	19.96	19.99	19.98		
15	QPSK	1	74	19.99	20.02	20.02		
15	QPSK	36	0	19.92	20.02	20.02	21.3	0
15	QPSK	36	20	19.87	19.91	19.86		
15	QPSK	36	39	19.94	19.99	20.03		
15	QPSK	75	0	19.95	20.03	19.95		
15	16QAM	1	0	20.04	19.94	20.02	21.3	0
15	16QAM	1	37	19.92	20.00	19.91		
15	16QAM	1	74	20.06	20.02	19.95		
15	16QAM	36	0	20.03	19.95	19.93	21.3	0
15	16QAM	36	20	19.97	19.98	20.06		
15	16QAM	36	39	19.99	19.90	20.03		
15	16QAM	75	0	19.96	19.90	20.00		
15	64QAM	1	0	19.96	19.95	20.03	21.3	0
15	64QAM	1	37	19.97	19.84	19.91		
15	64QAM	1	74	20.02	19.90	19.91		
15	64QAM	36	0	20.02	20.07	20.02	21.3	0
15	64QAM	36	20	19.98	19.89	19.98		
15	64QAM	36	39	19.98	19.92	19.98		
15	64QAM	75	0	19.88	19.94	19.95		
15	256QAM	1	0	18.92	19.00	19.03	19.8	1.5
15	256QAM	1	37	19.02	18.98	19.04		
15	256QAM	1	74	18.92	18.99	19.00		
15	256QAM	36	0	18.97	18.93	18.91	19.8	1.5
15	256QAM	36	20	18.94	18.94	18.99		
15	256QAM	36	39	19.07	19.05	19.05		
15	256QAM	75	0	18.98	19.03	19.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.82	20.05	19.90	21.3	0
10	QPSK	1	25	19.98	20.01	19.92		
10	QPSK	1	49	19.92	19.99	19.93		
10	QPSK	25	0	19.93	20.03	19.96	21.3	0
10	QPSK	25	12	19.90	19.89	19.91		
10	QPSK	25	25	19.97	20.06	19.99		
10	QPSK	50	0	20.05	20.05	19.92		
10	16QAM	1	0	19.98	19.94	20.07	21.3	0
10	16QAM	1	25	19.96	20.01	19.95		
10	16QAM	1	49	20.02	20.01	19.98		
10	16QAM	25	0	19.96	19.92	19.96	21.3	0
10	16QAM	25	12	20.01	20.01	19.97		
10	16QAM	25	25	20.01	19.92	19.96		
10	16QAM	50	0	19.99	19.96	19.91		
10	64QAM	1	0	19.98	19.98	19.99	21.3	0
10	64QAM	1	25	19.92	19.84	19.92		
10	64QAM	1	49	19.96	19.89	19.95		
10	64QAM	25	0	19.97	20.02	19.98	21.3	0
10	64QAM	25	12	19.98	19.86	19.94		
10	64QAM	25	25	20.04	19.93	19.96		
10	64QAM	50	0	19.87	20.00	20.04		
10	256QAM	1	0	18.98	18.97	18.98	19.8	1.5
10	256QAM	1	25	18.97	18.98	19.08		
10	256QAM	1	49	19.01	18.93	19.00		
10	256QAM	25	0	18.92	18.99	18.92	19.8	1.5
10	256QAM	25	12	18.94	18.93	18.97		
10	256QAM	25	25	19.12	19.05	19.01		
10	256QAM	50	0	19.01	19.00	18.95		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.81	20.01	19.98	21.3	0
5	QPSK	1	12	19.89	19.95	19.95		
5	QPSK	1	24	19.95	20.02	19.97		
5	QPSK	12	0	19.91	20.06	20.00	21.3	0
5	QPSK	12	7	19.89	19.95	19.88		
5	QPSK	12	13	19.90	19.99	19.94		
5	QPSK	25	0	20.02	20.05	19.90		
5	16QAM	1	0	20.05	19.97	20.02	21.3	0
5	16QAM	1	12	20.02	19.98	19.92		
5	16QAM	1	24	20.01	19.97	19.91		
5	16QAM	12	0	19.95	19.92	19.96	21.3	0
5	16QAM	12	7	19.98	19.97	20.03		
5	16QAM	12	13	20.03	19.92	20.03		
5	16QAM	25	0	19.99	19.93	20.00		
5	64QAM	1	0	19.95	20.04	19.94	21.3	0
5	64QAM	1	12	19.92	19.93	19.96		
5	64QAM	1	24	19.98	19.94	19.96		
5	64QAM	12	0	19.97	20.06	20.00	21.3	0
5	64QAM	12	7	19.96	19.90	19.96		
5	64QAM	12	13	20.06	19.98	20.01		
5	64QAM	25	0	19.92	19.99	19.99		
5	256QAM	1	0	18.92	18.93	18.96	19.8	1.5
5	256QAM	1	12	18.95	18.92	19.05		
5	256QAM	1	24	18.95	18.98	18.91		
5	256QAM	12	0	18.90	18.96	18.93	19.8	1.5
5	256QAM	12	7	18.98	19.01	18.99		
5	256QAM	12	13	19.12	19.01	18.98		
5	256QAM	25	0	18.97	18.94	18.95		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.84	20.00	19.96	21.3	0
3	QPSK	1	8	19.88	20.03	19.92		
3	QPSK	1	14	19.94	20.07	19.93		
3	QPSK	8	0	19.94	20.02	19.96	21.3	0
3	QPSK	8	4	19.90	19.89	19.86		
3	QPSK	8	7	19.94	20.02	19.96		
3	QPSK	15	0	19.98	20.04	19.87		
3	16QAM	1	0	19.97	19.91	19.99	21.3	0
3	16QAM	1	8	19.92	19.96	19.85		
3	16QAM	1	14	20.04	19.98	20.00		
3	16QAM	8	0	19.95	19.89	19.89	21.3	0
3	16QAM	8	4	19.96	19.97	19.97		
3	16QAM	8	7	19.98	19.90	19.97		
3	16QAM	15	0	19.93	19.93	20.00		
3	64QAM	1	0	19.99	19.98	20.01	21.3	0
3	64QAM	1	8	19.92	19.85	19.95		
3	64QAM	1	14	19.94	19.89	19.92		
3	64QAM	8	0	19.98	19.97	19.97	21.3	0
3	64QAM	8	4	19.95	19.95	19.99		
3	64QAM	8	7	20.01	19.95	19.97		
3	64QAM	15	0	19.91	20.01	20.01		
3	256QAM	1	0	18.93	18.95	19.01	19.8	1.5
3	256QAM	1	8	18.95	18.96	19.04		
3	256QAM	1	14	18.97	19.01	18.95		
3	256QAM	8	0	18.93	18.95	18.98	19.8	1.5
3	256QAM	8	4	18.96	18.96	18.91		
3	256QAM	8	7	19.05	18.97	19.06		
3	256QAM	15	0	19.02	18.97	18.92		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.83	20.00	19.94	21.3	0
1.4	QPSK	1	3	19.94	19.99	19.92		
1.4	QPSK	1	5	19.95	20.05	19.93		
1.4	QPSK	3	0	19.93	20.04	19.94		
1.4	QPSK	3	1	19.85	19.88	19.91		
1.4	QPSK	3	3	19.94	20.02	19.95		
1.4	QPSK	6	0	20.04	20.00	19.92	21.3	0
1.4	16QAM	1	0	19.99	19.95	20.04	21.3	0
1.4	16QAM	1	3	19.99	19.93	19.93		
1.4	16QAM	1	5	19.99	20.03	19.96		
1.4	16QAM	3	0	20.03	19.93	19.91		
1.4	16QAM	3	1	19.96	19.99	20.00		
1.4	16QAM	3	3	20.01	19.98	20.01		
1.4	16QAM	6	0	19.95	19.90	19.94	21.3	0
1.4	64QAM	1	0	20.00	20.00	20.01	21.3	0
1.4	64QAM	1	3	19.95	19.90	19.93		
1.4	64QAM	1	5	19.94	19.85	19.93		
1.4	64QAM	3	0	20.02	19.99	20.04		
1.4	64QAM	3	1	20.03	19.88	19.98		
1.4	64QAM	3	3	19.97	20.01	19.96		
1.4	64QAM	6	0	19.89	19.99	19.98	21.3	0
1.4	256QAM	1	0	18.95	18.96	19.04	19.8	1.5
1.4	256QAM	1	3	19.04	18.90	19.05		
1.4	256QAM	1	5	18.98	18.93	18.90		
1.4	256QAM	3	0	18.88	18.98	19.00		
1.4	256QAM	3	1	18.95	18.93	18.92		
1.4	256QAM	3	3	19.12	19.03	19.04		
1.4	256QAM	6	0	19.02	18.98	18.92	19.8	1.5

Band 38_ANT 3(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.39	22.21	22.20	23.4	0
20	QPSK	1	49	22.24	22.06	22.09		
20	QPSK	1	99	22.24	22.09	22.08		
20	QPSK	50	0	22.32	22.19	22.18	23.3	0.1
20	QPSK	50	24	22.29	22.12	22.17		
20	QPSK	50	50	22.28	22.08	22.09		
20	QPSK	100	0	22.24	22.17	22.08		
20	16QAM	1	0	22.21	22.06	22.18	23.3	0.1
20	16QAM	1	49	22.28	22.11	22.10		
20	16QAM	1	99	22.27	22.10	22.13		
20	16QAM	50	0	21.35	21.12	21.09	22.3	1.1
20	16QAM	50	24	21.36	21.10	21.21		
20	16QAM	50	50	21.37	21.17	21.10		
20	16QAM	100	0	21.25	21.20	21.09		
20	64QAM	1	0	21.38	21.15	21.13	22.3	1.1
20	64QAM	1	49	21.29	21.12	21.18		
20	64QAM	1	99	21.29	21.10	21.11		
20	64QAM	50	0	20.35	20.25	20.22	21.3	2.1
20	64QAM	50	24	20.30	20.23	20.24		
20	64QAM	50	50	20.33	20.12	20.25		
20	64QAM	100	0	20.33	20.21	20.18		
20	256QAM	1	0	18.50	18.31	18.31	19.3	4.1
20	256QAM	1	49	18.44	18.27	18.21		
20	256QAM	1	99	18.37	18.24	18.27		
20	256QAM	50	0	18.42	18.35	18.21	19.3	4.1
20	256QAM	50	24	18.42	18.31	18.29		
20	256QAM	50	50	18.50	18.21	18.21		
20	256QAM	100	0	18.47	18.25	18.31		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.17	22.10	22.06	23.4	0
15	QPSK	1	37	22.21	21.98	22.06		
15	QPSK	1	74	22.19	22.05	21.96		
15	QPSK	36	0	22.26	22.15	22.03	23.3	0.1
15	QPSK	36	20	22.19	22.03	22.08		
15	QPSK	36	39	22.19	22.01	21.96		
15	QPSK	75	0	22.11	22.12	22.01		
15	16QAM	1	0	22.14	22.03	22.08	23.3	0.1
15	16QAM	1	37	22.22	22.02	22.00		
15	16QAM	1	74	22.17	21.99	22.05		
15	16QAM	36	0	21.23	21.01	20.98	22.3	1.1
15	16QAM	36	20	21.31	21.03	21.16		
15	16QAM	36	39	21.25	21.11	21.03		
15	16QAM	75	0	21.20	21.16	20.96		
15	64QAM	1	0	21.34	21.05	21.06	22.3	1.1
15	64QAM	1	37	21.25	21.05	21.15		
15	64QAM	1	74	21.24	21.05	21.03		
15	64QAM	36	0	20.32	20.18	20.17	21.3	2.1
15	64QAM	36	20	20.23	20.12	20.15		
15	64QAM	36	39	20.23	19.99	20.17		
15	64QAM	75	0	20.28	20.14	20.06		
15	256QAM	1	0	18.45	18.24	18.23	19.3	4.1
15	256QAM	1	37	18.33	18.18	18.11		
15	256QAM	1	74	18.34	18.16	18.21		
15	256QAM	36	0	18.37	18.28	18.16	19.3	4.1
15	256QAM	36	20	18.34	18.18	18.21		
15	256QAM	36	39	18.45	18.13	18.11		
15	256QAM	75	0	18.39	18.16	18.22		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.17	22.09	22.06	23.4	0
10	QPSK	1	25	22.12	22.02	22.05		
10	QPSK	1	49	22.15	21.97	21.98		
10	QPSK	25	0	22.20	22.07	22.03	23.3	0.1
10	QPSK	25	12	22.18	22.00	22.05		
10	QPSK	25	25	22.19	22.04	21.97		
10	QPSK	50	0	22.18	22.07	21.97		
10	16QAM	1	0	22.15	21.99	22.10	23.3	0.1
10	16QAM	1	25	22.25	22.02	22.01		
10	16QAM	1	49	22.18	22.02	22.10		
10	16QAM	25	0	21.23	21.03	21.02	22.3	1.1
10	16QAM	25	12	21.28	21.07	21.09		
10	16QAM	25	25	21.26	21.13	20.99		
10	16QAM	50	0	21.21	21.17	20.98		
10	64QAM	1	0	21.35	21.02	21.00	22.3	1.1
10	64QAM	1	25	21.17	21.05	21.05		
10	64QAM	1	49	21.16	21.06	21.01		
10	64QAM	25	0	20.29	20.19	20.09	21.3	2.1
10	64QAM	25	12	20.18	20.13	20.15		
10	64QAM	25	25	20.23	20.07	20.16		
10	64QAM	50	0	20.20	20.09	20.05		
10	256QAM	1	0	18.47	18.26	18.18	19.3	4.1
10	256QAM	1	25	18.37	18.23	18.12		
10	256QAM	1	49	18.26	18.20	18.24		
10	256QAM	25	0	18.32	18.29	18.17	19.3	4.1
10	256QAM	25	12	18.29	18.28	18.23		
10	256QAM	25	25	18.43	18.08	18.08		
10	256QAM	50	0	18.39	18.22	18.25		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.24	22.16	22.06	23.4	0
5	QPSK	1	12	22.12	21.98	21.99		
5	QPSK	1	24	22.19	21.99	22.02		
5	QPSK	12	0	22.25	22.15	22.09	23.3	0.1
5	QPSK	12	7	22.18	22.08	22.06		
5	QPSK	12	13	22.20	22.00	22.01		
5	QPSK	25	0	22.19	22.06	22.02		
5	16QAM	1	0	22.18	22.03	22.13	23.3	0.1
5	16QAM	1	12	22.21	22.05	21.98		
5	16QAM	1	24	22.17	22.00	22.10		
5	16QAM	12	0	21.26	21.08	21.04	22.3	1.1
5	16QAM	12	7	21.32	21.02	21.14		
5	16QAM	12	13	21.31	21.09	20.97		
5	16QAM	25	0	21.14	21.16	21.00		
5	64QAM	1	0	21.32	21.09	21.06	22.3	1.1
5	64QAM	1	12	21.21	21.04	21.12		
5	64QAM	1	24	21.18	21.02	21.04		
5	64QAM	12	0	20.27	20.13	20.09	21.3	2.1
5	64QAM	12	7	20.17	20.17	20.19		
5	64QAM	12	13	20.30	20.07	20.18		
5	64QAM	25	0	20.30	20.12	20.15		
5	256QAM	1	0	18.46	18.22	18.19	19.3	4.1
5	256QAM	1	12	18.31	18.20	18.17		
5	256QAM	1	24	18.24	18.17	18.24		
5	256QAM	12	0	18.31	18.26	18.10	19.3	4.1
5	256QAM	12	7	18.39	18.19	18.23		
5	256QAM	12	13	18.42	18.08	18.15		
5	256QAM	25	0	18.38	18.20	18.23		

Band 41_ANT 3(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.46	22.75	22.66	22.72	22.72	23.8	0
20	QPSK	1	49	22.27	22.73	22.65	22.70	22.66		
20	QPSK	1	99	22.31	22.60	22.61	22.71	22.71		
20	QPSK	50	0	22.43	22.73	22.63	22.71	22.70	23.8	0
20	QPSK	50	24	22.25	22.63	22.60	22.62	22.60		
20	QPSK	50	50	22.23	22.71	22.61	22.70	22.67		
20	QPSK	100	0	22.41	22.70	22.62	22.62	22.61		
20	16QAM	1	0	22.22	22.67	22.72	22.61	22.62	23.8	0
20	16QAM	1	49	22.24	22.70	22.68	22.67	22.66		
20	16QAM	1	99	22.29	22.63	22.62	22.73	22.63		
20	16QAM	50	0	21.62	21.83	21.78	21.82	21.83	22.8	1
20	16QAM	50	24	21.58	21.91	21.81	21.85	21.86		
20	16QAM	50	50	21.70	21.81	21.87	21.84	21.78		
20	16QAM	100	0	21.57	21.78	21.78	21.82	21.77		
20	64QAM	1	0	21.37	21.71	21.69	21.73	21.69	22.8	1
20	64QAM	1	49	21.47	21.65	21.67	21.77	21.72		
20	64QAM	1	99	21.50	21.73	21.68	21.66	21.61		
20	64QAM	50	0	20.39	20.68	20.69	20.68	20.71	21.8	2
20	64QAM	50	24	20.38	20.78	20.71	20.77	20.71		
20	64QAM	50	50	20.50	20.71	20.80	20.77	20.70		
20	64QAM	100	0	20.44	20.80	20.81	20.79	20.64		
20	256QAM	1	0	18.76	18.82	18.85	18.84	18.83	19.8	4
20	256QAM	1	49	18.75	18.80	18.81	18.83	18.78		
20	256QAM	1	99	18.87	18.87	18.79	18.78	18.76		
20	256QAM	50	0	18.77	18.87	18.82	18.77	18.85	19.8	4
20	256QAM	50	24	18.85	18.77	18.82	18.77	18.83		
20	256QAM	50	50	18.75	18.82	18.80	18.87	18.74		
20	256QAM	100	0	18.74	18.88	18.81	18.75	18.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.25	22.62	22.54	22.57	22.57	23.80	0
15	QPSK	1	37	22.18	22.61	22.61	22.67	22.62		
15	QPSK	1	74	22.18	22.47	22.49	22.59	22.66		
15	QPSK	36	0	22.25	22.62	22.52	22.64	22.50	23.8	0
15	QPSK	36	20	22.21	22.60	22.58	22.61	22.53		
15	QPSK	36	39	22.18	22.59	22.64	22.65	22.60		
15	QPSK	75	0	22.25	22.61	22.49	22.51	22.57		
15	16QAM	1	0	22.11	22.61	22.64	22.50	22.56	23.8	0
15	16QAM	1	37	22.14	22.63	22.65	22.55	22.58		
15	16QAM	1	74	22.17	22.59	22.59	22.65	22.50		
15	16QAM	36	0	21.51	21.74	21.72	21.69	21.75	22.8	1
15	16QAM	36	20	21.52	21.85	21.71	21.80	21.77		
15	16QAM	36	39	21.58	21.78	21.78	21.71	21.72		
15	16QAM	75	0	21.53	21.68	21.66	21.72	21.69		
15	64QAM	1	0	21.30	21.65	21.57	21.68	21.59	22.8	1
15	64QAM	1	37	21.41	21.61	21.57	21.71	21.60		
15	64QAM	1	74	21.47	21.70	21.56	21.59	21.52		
15	64QAM	36	0	20.28	20.64	20.61	20.56	20.61	21.8	2
15	64QAM	36	20	20.26	20.68	20.65	20.71	20.60		
15	64QAM	36	39	20.43	20.62	20.76	20.65	20.66		
15	64QAM	75	0	20.34	20.72	20.76	20.71	20.61		
15	256QAM	1	0	18.66	18.78	18.74	18.79	18.80	19.8	4
15	256QAM	1	37	18.68	18.69	18.73	18.70	18.67		
15	256QAM	1	74	18.82	18.78	18.76	18.69	18.68		
15	256QAM	36	0	18.66	18.80	18.70	18.72	18.81	19.8	4
15	256QAM	36	20	18.82	18.67	18.79	18.66	18.70		
15	256QAM	36	39	18.70	18.75	18.70	18.83	18.65		
15	256QAM	75	0	18.68	18.81	18.72	18.68	18.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.33	22.64	22.58	22.53	22.64	23.80	0
10	QPSK	1	25	22.23	22.61	22.56	22.64	22.62		
10	QPSK	1	49	22.19	22.57	22.48	22.58	22.59		
10	QPSK	25	0	22.25	22.61	22.57	22.56	22.54	23.8	0
10	QPSK	25	12	22.17	22.59	22.54	22.61	22.47		
10	QPSK	25	25	22.10	22.60	22.64	22.62	22.64		
10	QPSK	50	0	22.20	22.58	22.54	22.51	22.53		
10	16QAM	1	0	22.16	22.55	22.68	22.55	22.58	23.8	0
10	16QAM	1	25	22.13	22.67	22.62	22.58	22.55		
10	16QAM	1	49	22.26	22.55	22.56	22.64	22.57		
10	16QAM	25	0	21.52	21.73	21.68	21.74	21.78	22.8	1
10	16QAM	25	12	21.53	21.79	21.78	21.77	21.83		
10	16QAM	25	25	21.67	21.78	21.84	21.75	21.65		
10	16QAM	50	0	21.44	21.73	21.67	21.79	21.72		
10	64QAM	1	0	21.26	21.62	21.56	21.69	21.66	22.8	1
10	64QAM	1	25	21.38	21.55	21.54	21.74	21.67		
10	64QAM	1	49	21.45	21.62	21.57	21.54	21.53		
10	64QAM	25	0	20.36	20.57	20.65	20.59	20.63	21.8	2
10	64QAM	25	12	20.26	20.74	20.60	20.70	20.58		
10	64QAM	25	25	20.41	20.67	20.73	20.70	20.64		
10	64QAM	50	0	20.37	20.68	20.76	20.66	20.56		
10	256QAM	1	0	18.69	18.76	18.80	18.80	18.79	19.8	4
10	256QAM	1	25	18.62	18.74	18.71	18.71	18.75		
10	256QAM	1	49	18.74	18.81	18.71	18.72	18.65		
10	256QAM	25	0	18.73	18.82	18.73	18.67	18.78	19.8	4
10	256QAM	25	12	18.82	18.69	18.78	18.65	18.80		
10	256QAM	25	25	18.67	18.78	18.73	18.75	18.69		
10	256QAM	50	0	18.64	18.76	18.75	18.72	18.79		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.30	22.66	22.62	22.54	22.61	23.80	0
5	QPSK	1	12	22.18	22.65	22.53	22.63	22.61		
5	QPSK	1	24	22.21	22.49	22.53	22.60	22.65		
5	QPSK	12	0	22.27	22.67	22.55	22.63	22.53	23.8	0
5	QPSK	12	7	22.13	22.59	22.55	22.60	22.49		
5	QPSK	12	13	22.17	22.61	22.54	22.65	22.66		
5	QPSK	25	0	22.18	22.57	22.49	22.52	22.53		
5	16QAM	1	0	22.16	22.62	22.66	22.51	22.58	23.8	0
5	16QAM	1	12	22.19	22.66	22.58	22.63	22.59		
5	16QAM	1	24	22.20	22.57	22.51	22.69	22.58		
5	16QAM	12	0	21.51	21.79	21.71	21.79	21.76	22.8	1
5	16QAM	12	7	21.54	21.79	21.76	21.75	21.81		
5	16QAM	12	13	21.62	21.70	21.76	21.77	21.72		
5	16QAM	25	0	21.48	21.65	21.70	21.73	21.65		
5	64QAM	1	0	21.31	21.64	21.58	21.68	21.66	22.8	1
5	64QAM	1	12	21.38	21.59	21.57	21.72	21.63		
5	64QAM	1	24	21.43	21.68	21.61	21.62	21.55		
5	64QAM	12	0	20.27	20.56	20.66	20.57	20.67	21.8	2
5	64QAM	12	7	20.31	20.67	20.64	20.64	20.61		
5	64QAM	12	13	20.37	20.61	20.68	20.68	20.63		
5	64QAM	25	0	20.39	20.77	20.70	20.76	20.60		
5	256QAM	1	0	18.65	18.76	18.72	18.74	18.70	19.8	4
5	256QAM	1	12	18.64	18.70	18.69	18.77	18.73		
5	256QAM	1	24	18.83	18.75	18.76	18.75	18.72		
5	256QAM	12	0	18.74	18.75	18.78	18.65	18.74	19.8	4
5	256QAM	12	7	18.75	18.66	18.75	18.71	18.75		
5	256QAM	12	13	18.71	18.72	18.77	18.84	18.63		
5	256QAM	25	0	18.64	18.83	18.75	18.68	18.81		

Band 41-HPUE_ANT 3(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.26	24.58	24.57	24.51	24.56	25.4	0
20	QPSK	1	49	24.11	24.48	24.48	24.44	24.53		
20	QPSK	1	99	24.20	24.45	24.56	24.44	24.45		
20	QPSK	50	0	24.20	24.56	24.50	24.51	24.55	25.4	0
20	QPSK	50	24	24.08	24.52	24.45	24.47	24.50		
20	QPSK	50	50	24.18	24.53	24.46	24.50	24.51		
20	QPSK	100	0	23.90	24.36	24.16	24.18	24.22		
20	16QAM	1	0	24.17	24.43	24.52	24.46	24.45	25.4	0
20	16QAM	1	49	24.18	24.52	24.54	24.43	24.49		
20	16QAM	1	99	24.09	24.55	24.56	24.45	24.43		
20	16QAM	50	0	23.46	23.81	23.75	23.71	23.80	24.8	0.6
20	16QAM	50	24	23.37	23.74	23.81	23.70	23.73		
20	16QAM	50	50	23.47	23.72	23.71	23.76	23.80		
20	16QAM	100	0	23.39	23.83	23.73	23.71	23.69		
20	64QAM	1	0	23.38	23.82	23.78	23.71	23.77	24.8	0.6
20	64QAM	1	49	23.44	23.81	23.81	23.73	23.76		
20	64QAM	1	99	23.37	23.73	23.79	23.76	23.76		
20	64QAM	50	0	22.42	22.77	22.81	22.84	22.87	23.8	1.6
20	64QAM	50	24	22.46	22.82	22.90	22.84	22.83		
20	64QAM	50	50	22.46	22.77	22.77	22.83	22.85		
20	64QAM	100	0	22.56	22.91	22.85	22.90	22.86		
20	256QAM	1	0	20.97	20.86	20.86	20.90	20.98	21.8	3.6
20	256QAM	1	49	20.98	20.94	21.00	20.93	20.97		
20	256QAM	1	99	20.96	20.86	20.93	20.97	20.86		
20	256QAM	50	0	20.87	20.92	21.00	20.95	20.91	21.8	3.6
20	256QAM	50	24	20.89	20.99	20.92	20.98	20.93		
20	256QAM	50	50	20.93	21.00	20.97	20.89	21.00		
20	256QAM	100	0	20.87	20.91	20.98	20.90	20.89		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.14	24.45	24.44	24.48	24.43	25.40	0
15	QPSK	1	37	24.02	24.35	24.36	24.35	24.50		
15	QPSK	1	74	24.16	24.33	24.43	24.36	24.38		
15	QPSK	36	0	24.08	24.48	24.41	24.34	24.38	25.4	0
15	QPSK	36	20	24.03	24.45	24.35	24.43	24.45		
15	QPSK	36	39	24.15	24.42	24.35	24.41	24.45		
15	QPSK	75	0	23.84	24.19	24.11	24.12	24.12		
15	16QAM	1	0	24.12	24.38	24.45	24.36	24.38	25.4	0
15	16QAM	1	37	24.05	24.41	24.48	24.30	24.44		
15	16QAM	1	74	24.05	24.48	24.53	24.35	24.34		
15	16QAM	36	0	23.43	23.70	23.63	23.63	23.73	24.8	0.6
15	16QAM	36	20	23.25	23.69	23.71	23.64	23.60		
15	16QAM	36	39	23.44	23.65	23.67	23.67	23.77		
15	16QAM	75	0	23.35	23.74	23.68	23.59	23.63		
15	64QAM	1	0	23.35	23.71	23.67	23.58	23.65	24.8	0.6
15	64QAM	1	37	23.38	23.69	23.77	23.68	23.66		
15	64QAM	1	74	23.34	23.69	23.69	23.65	23.64		
15	64QAM	36	0	22.36	22.70	22.71	22.72	22.84	23.8	1.6
15	64QAM	36	20	22.33	22.74	22.78	22.76	22.71		
15	64QAM	36	39	22.43	22.74	22.65	22.77	22.73		
15	64QAM	75	0	22.45	22.80	22.77	22.82	22.78		
15	256QAM	1	0	20.84	20.81	20.76	20.84	20.86	21.8	3.6
15	256QAM	1	37	20.91	20.84	20.93	20.89	20.92		
15	256QAM	1	74	20.88	20.80	20.88	20.90	20.78		
15	256QAM	36	0	20.80	20.84	20.96	20.92	20.83	21.8	3.6
15	256QAM	36	20	20.86	20.92	20.79	20.94	20.86		
15	256QAM	36	39	20.88	20.94	20.84	20.77	20.87		
15	256QAM	75	0	20.81	20.85	20.89	20.79	20.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.16	24.47	24.48	24.41	24.53	25.40	0
10	QPSK	1	25	24.03	24.45	24.42	24.34	24.45		
10	QPSK	1	49	24.16	24.35	24.53	24.32	24.35		
10	QPSK	25	0	24.05	24.53	24.40	24.42	24.38	25.4	0
10	QPSK	25	12	23.99	24.48	24.32	24.42	24.43		
10	QPSK	25	25	24.05	24.42	24.41	24.46	24.48		
10	QPSK	50	0	23.83	24.23	24.11	24.08	24.11		
10	16QAM	1	0	24.13	24.32	24.46	24.41	24.36	25.4	0
10	16QAM	1	25	24.08	24.49	24.48	24.40	24.38		
10	16QAM	1	49	23.98	24.46	24.45	24.32	24.40		
10	16QAM	25	0	23.42	23.77	23.63	23.63	23.77	24.8	0.6
10	16QAM	25	12	23.28	23.67	23.68	23.67	23.69		
10	16QAM	25	25	23.43	23.67	23.65	23.63	23.77		
10	16QAM	50	0	23.33	23.79	23.68	23.63	23.56		
10	64QAM	1	0	23.34	23.75	23.72	23.62	23.69	24.8	0.6
10	64QAM	1	25	23.38	23.74	23.69	23.67	23.65		
10	64QAM	1	49	23.28	23.68	23.76	23.68	23.69		
10	64QAM	25	0	22.36	22.71	22.77	22.78	22.83	23.8	1.6
10	64QAM	25	12	22.39	22.79	22.82	22.81	22.74		
10	64QAM	25	25	22.37	22.72	22.65	22.75	22.72		
10	64QAM	50	0	22.45	22.78	22.82	22.77	22.79		
10	256QAM	1	0	20.87	20.81	20.83	20.78	20.85	21.8	3.6
10	256QAM	1	25	20.94	20.89	20.90	20.86	20.85		
10	256QAM	1	49	20.86	20.81	20.82	20.93	20.78		
10	256QAM	25	0	20.79	20.79	20.93	20.92	20.80	21.8	3.6
10	256QAM	25	12	20.79	20.87	20.87	20.91	20.82		
10	256QAM	25	25	20.86	20.91	20.91	20.79	20.88		
10	256QAM	50	0	20.82	20.88	20.94	20.79	20.82		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.15	24.53	24.48	24.46	24.48	25.40	0
5	QPSK	1	12	24.01	24.42	24.43	24.37	24.41		
5	QPSK	1	24	24.14	24.36	24.49	24.36	24.32		
5	QPSK	12	0	24.09	24.51	24.44	24.35	24.41	25.4	0
5	QPSK	12	7	23.99	24.42	24.34	24.44	24.46		
5	QPSK	12	13	24.07	24.42	24.36	24.37	24.44		
5	QPSK	25	0	23.86	24.20	24.11	24.15	24.10		
5	16QAM	1	0	24.06	24.33	24.42	24.33	24.41	25.4	0
5	16QAM	1	12	24.08	24.41	24.44	24.31	24.42		
5	16QAM	1	24	24.05	24.44	24.44	24.35	24.33		
5	16QAM	12	0	23.38	23.74	23.65	23.65	23.72	24.8	0.6
5	16QAM	12	7	23.30	23.66	23.76	23.64	23.69		
5	16QAM	12	13	23.37	23.60	23.61	23.71	23.74		
5	16QAM	25	0	23.26	23.77	23.70	23.65	23.62		
5	64QAM	1	0	23.34	23.71	23.68	23.60	23.73	24.8	0.6
5	64QAM	1	12	23.38	23.68	23.77	23.62	23.70		
5	64QAM	1	24	23.31	23.63	23.73	23.64	23.67		
5	64QAM	12	0	22.34	22.66	22.78	22.74	22.79	23.8	1.6
5	64QAM	12	7	22.42	22.78	22.78	22.79	22.80		
5	64QAM	12	13	22.38	22.66	22.64	22.77	22.74		
5	64QAM	25	0	22.44	22.79	22.77	22.84	22.75		
5	256QAM	1	0	20.93	20.76	20.78	20.84	20.86	21.8	3.6
5	256QAM	1	12	20.85	20.83	20.92	20.84	20.90		
5	256QAM	1	24	20.85	20.78	20.88	20.90	20.77		
5	256QAM	12	0	20.83	20.89	20.90	20.82	20.85	21.8	3.6
5	256QAM	12	7	20.81	20.86	20.83	20.88	20.90		
5	256QAM	12	13	20.86	20.97	20.85	20.85	20.94		
5	256QAM	25	0	20.84	20.78	20.94	20.81	20.86		

Band 38_ANT 3(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.39	22.21	22.20	23.4	0
20	QPSK	1	49	22.24	22.06	22.09		
20	QPSK	1	99	22.24	22.09	22.08		
20	QPSK	50	0	22.32	22.19	22.18	23.3	0.1
20	QPSK	50	24	22.29	22.12	22.17		
20	QPSK	50	50	22.28	22.08	22.09		
20	QPSK	100	0	22.24	22.17	22.08		
20	16QAM	1	0	22.21	22.06	22.18	23.3	0.1
20	16QAM	1	49	22.28	22.11	22.10		
20	16QAM	1	99	22.27	22.10	22.13		
20	16QAM	50	0	21.35	21.12	21.09	22.3	1.1
20	16QAM	50	24	21.36	21.10	21.21		
20	16QAM	50	50	21.37	21.17	21.10		
20	16QAM	100	0	21.25	21.20	21.09		
20	64QAM	1	0	21.38	21.15	21.13	22.3	1.1
20	64QAM	1	49	21.29	21.12	21.18		
20	64QAM	1	99	21.29	21.10	21.11		
20	64QAM	50	0	20.35	20.25	20.22	21.3	2.1
20	64QAM	50	24	20.30	20.23	20.24		
20	64QAM	50	50	20.33	20.12	20.25		
20	64QAM	100	0	20.33	20.21	20.18		
20	256QAM	1	0	18.50	18.31	18.31	19.3	4.1
20	256QAM	1	49	18.44	18.27	18.21		
20	256QAM	1	99	18.37	18.24	18.27		
20	256QAM	50	0	18.42	18.35	18.21	19.3	4.1
20	256QAM	50	24	18.42	18.31	18.29		
20	256QAM	50	50	18.50	18.21	18.21		
20	256QAM	100	0	18.47	18.25	18.31		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.17	22.10	22.06	23.4	0
15	QPSK	1	37	22.21	21.98	22.06		
15	QPSK	1	74	22.19	22.05	21.96		
15	QPSK	36	0	22.26	22.15	22.03	23.3	0.1
15	QPSK	36	20	22.19	22.03	22.08		
15	QPSK	36	39	22.19	22.01	21.96		
15	QPSK	75	0	22.11	22.12	22.01		
15	16QAM	1	0	22.14	22.03	22.08	23.3	0.1
15	16QAM	1	37	22.22	22.02	22.00		
15	16QAM	1	74	22.17	21.99	22.05		
15	16QAM	36	0	21.23	21.01	20.98	22.3	1.1
15	16QAM	36	20	21.31	21.03	21.16		
15	16QAM	36	39	21.25	21.11	21.03		
15	16QAM	75	0	21.20	21.16	20.96		
15	64QAM	1	0	21.34	21.05	21.06	22.3	1.1
15	64QAM	1	37	21.25	21.05	21.15		
15	64QAM	1	74	21.24	21.05	21.03		
15	64QAM	36	0	20.32	20.18	20.17	21.3	2.1
15	64QAM	36	20	20.23	20.12	20.15		
15	64QAM	36	39	20.23	19.99	20.17		
15	64QAM	75	0	20.28	20.14	20.06		
15	256QAM	1	0	18.45	18.24	18.23	19.3	4.1
15	256QAM	1	37	18.33	18.18	18.11		
15	256QAM	1	74	18.34	18.16	18.21		
15	256QAM	36	0	18.37	18.28	18.16	19.3	4.1
15	256QAM	36	20	18.34	18.18	18.21		
15	256QAM	36	39	18.45	18.13	18.11		
15	256QAM	75	0	18.39	18.16	18.22		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.17	22.09	22.06	23.4	0
10	QPSK	1	25	22.12	22.02	22.05		
10	QPSK	1	49	22.15	21.97	21.98		
10	QPSK	25	0	22.20	22.07	22.03	23.3	0.1
10	QPSK	25	12	22.18	22.00	22.05		
10	QPSK	25	25	22.19	22.04	21.97		
10	QPSK	50	0	22.18	22.07	21.97		
10	16QAM	1	0	22.15	21.99	22.10	23.3	0.1
10	16QAM	1	25	22.25	22.02	22.01		
10	16QAM	1	49	22.18	22.02	22.10		
10	16QAM	25	0	21.23	21.03	21.02	22.3	1.1
10	16QAM	25	12	21.28	21.07	21.09		
10	16QAM	25	25	21.26	21.13	20.99		
10	16QAM	50	0	21.21	21.17	20.98		
10	64QAM	1	0	21.35	21.02	21.00	22.3	1.1
10	64QAM	1	25	21.17	21.05	21.05		
10	64QAM	1	49	21.16	21.06	21.01		
10	64QAM	25	0	20.29	20.19	20.09	21.3	2.1
10	64QAM	25	12	20.18	20.13	20.15		
10	64QAM	25	25	20.23	20.07	20.16		
10	64QAM	50	0	20.20	20.09	20.05		
10	256QAM	1	0	18.47	18.26	18.18	19.3	4.1
10	256QAM	1	25	18.37	18.23	18.12		
10	256QAM	1	49	18.26	18.20	18.24		
10	256QAM	25	0	18.32	18.29	18.17	19.3	4.1
10	256QAM	25	12	18.29	18.28	18.23		
10	256QAM	25	25	18.43	18.08	18.08		
10	256QAM	50	0	18.39	18.22	18.25		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.24	22.16	22.06	23.4	0
5	QPSK	1	12	22.12	21.98	21.99		
5	QPSK	1	24	22.19	21.99	22.02		
5	QPSK	12	0	22.25	22.15	22.09	23.3	0.1
5	QPSK	12	7	22.18	22.08	22.06		
5	QPSK	12	13	22.20	22.00	22.01		
5	QPSK	25	0	22.19	22.06	22.02		
5	16QAM	1	0	22.18	22.03	22.13	23.3	0.1
5	16QAM	1	12	22.21	22.05	21.98		
5	16QAM	1	24	22.17	22.00	22.10		
5	16QAM	12	0	21.26	21.08	21.04	22.3	1.1
5	16QAM	12	7	21.32	21.02	21.14		
5	16QAM	12	13	21.31	21.09	20.97		
5	16QAM	25	0	21.14	21.16	21.00		
5	64QAM	1	0	21.32	21.09	21.06	22.3	1.1
5	64QAM	1	12	21.21	21.04	21.12		
5	64QAM	1	24	21.18	21.02	21.04		
5	64QAM	12	0	20.27	20.13	20.09	21.3	2.1
5	64QAM	12	7	20.17	20.17	20.19		
5	64QAM	12	13	20.30	20.07	20.18		
5	64QAM	25	0	20.30	20.12	20.15		
5	256QAM	1	0	18.46	18.22	18.19	19.3	4.1
5	256QAM	1	12	18.31	18.20	18.17		
5	256QAM	1	24	18.24	18.17	18.24		
5	256QAM	12	0	18.31	18.26	18.10	19.3	4.1
5	256QAM	12	7	18.39	18.19	18.23		
5	256QAM	12	13	18.42	18.08	18.15		
5	256QAM	25	0	18.38	18.20	18.23		

Band 41_ANT 3(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.46	22.75	22.66	22.72	22.72	23.8	0
20	QPSK	1	49	22.27	22.73	22.65	22.70	22.66		
20	QPSK	1	99	22.31	22.60	22.61	22.71	22.71		
20	QPSK	50	0	22.43	22.73	22.63	22.71	22.70	23.8	0
20	QPSK	50	24	22.25	22.63	22.60	22.62	22.60		
20	QPSK	50	50	22.23	22.71	22.61	22.70	22.67		
20	QPSK	100	0	22.41	22.70	22.62	22.62	22.61		
20	16QAM	1	0	22.22	22.67	22.72	22.61	22.62	23.8	0
20	16QAM	1	49	22.24	22.70	22.68	22.67	22.66		
20	16QAM	1	99	22.29	22.63	22.62	22.73	22.63		
20	16QAM	50	0	21.62	21.83	21.78	21.82	21.83	22.8	1
20	16QAM	50	24	21.58	21.91	21.81	21.85	21.86		
20	16QAM	50	50	21.70	21.81	21.87	21.84	21.78		
20	16QAM	100	0	21.57	21.78	21.78	21.82	21.77		
20	64QAM	1	0	21.37	21.71	21.69	21.73	21.69	22.8	1
20	64QAM	1	49	21.47	21.65	21.67	21.77	21.72		
20	64QAM	1	99	21.50	21.73	21.68	21.66	21.61		
20	64QAM	50	0	20.39	20.68	20.69	20.68	20.71	21.8	2
20	64QAM	50	24	20.38	20.78	20.71	20.77	20.71		
20	64QAM	50	50	20.50	20.71	20.80	20.77	20.70		
20	64QAM	100	0	20.44	20.80	20.81	20.79	20.64		
20	256QAM	1	0	18.76	18.82	18.85	18.84	18.83	19.8	4
20	256QAM	1	49	18.75	18.80	18.81	18.83	18.78		
20	256QAM	1	99	18.87	18.87	18.79	18.78	18.76		
20	256QAM	50	0	18.77	18.87	18.82	18.77	18.85	19.8	4
20	256QAM	50	24	18.85	18.77	18.82	18.77	18.83		
20	256QAM	50	50	18.75	18.82	18.80	18.87	18.74		
20	256QAM	100	0	18.74	18.88	18.81	18.75	18.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.25	22.62	22.54	22.57	22.57	23.80	0
15	QPSK	1	37	22.18	22.61	22.61	22.67	22.62		
15	QPSK	1	74	22.18	22.47	22.49	22.59	22.66		
15	QPSK	36	0	22.25	22.62	22.52	22.64	22.50	23.8	0
15	QPSK	36	20	22.21	22.60	22.58	22.61	22.53		
15	QPSK	36	39	22.18	22.59	22.64	22.65	22.60		
15	QPSK	75	0	22.25	22.61	22.49	22.51	22.57		
15	16QAM	1	0	22.11	22.61	22.64	22.50	22.56	23.8	0
15	16QAM	1	37	22.14	22.63	22.65	22.55	22.58		
15	16QAM	1	74	22.17	22.59	22.59	22.65	22.50		
15	16QAM	36	0	21.51	21.74	21.72	21.69	21.75	22.8	1
15	16QAM	36	20	21.52	21.85	21.71	21.80	21.77		
15	16QAM	36	39	21.58	21.78	21.78	21.71	21.72		
15	16QAM	75	0	21.53	21.68	21.66	21.72	21.69		
15	64QAM	1	0	21.30	21.65	21.57	21.68	21.59	22.8	1
15	64QAM	1	37	21.41	21.61	21.57	21.71	21.60		
15	64QAM	1	74	21.47	21.70	21.56	21.59	21.52		
15	64QAM	36	0	20.28	20.64	20.61	20.56	20.61	21.8	2
15	64QAM	36	20	20.26	20.68	20.65	20.71	20.60		
15	64QAM	36	39	20.43	20.62	20.76	20.65	20.66		
15	64QAM	75	0	20.34	20.72	20.76	20.71	20.61		
15	256QAM	1	0	18.66	18.78	18.74	18.79	18.80	19.8	4
15	256QAM	1	37	18.68	18.69	18.73	18.70	18.67		
15	256QAM	1	74	18.82	18.78	18.76	18.69	18.68		
15	256QAM	36	0	18.66	18.80	18.70	18.72	18.81	19.8	4
15	256QAM	36	20	18.82	18.67	18.79	18.66	18.70		
15	256QAM	36	39	18.70	18.75	18.70	18.83	18.65		
15	256QAM	75	0	18.68	18.81	18.72	18.68	18.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.33	22.64	22.58	22.53	22.64	23.80	0
10	QPSK	1	25	22.23	22.61	22.56	22.64	22.62		
10	QPSK	1	49	22.19	22.57	22.48	22.58	22.59		
10	QPSK	25	0	22.25	22.61	22.57	22.56	22.54	23.8	0
10	QPSK	25	12	22.17	22.59	22.54	22.61	22.47		
10	QPSK	25	25	22.10	22.60	22.64	22.62	22.64		
10	QPSK	50	0	22.20	22.58	22.54	22.51	22.53		
10	16QAM	1	0	22.16	22.55	22.68	22.55	22.58	23.8	0
10	16QAM	1	25	22.13	22.67	22.62	22.58	22.55		
10	16QAM	1	49	22.26	22.55	22.56	22.64	22.57		
10	16QAM	25	0	21.52	21.73	21.68	21.74	21.78	22.8	1
10	16QAM	25	12	21.53	21.79	21.78	21.77	21.83		
10	16QAM	25	25	21.67	21.78	21.84	21.75	21.65		
10	16QAM	50	0	21.44	21.73	21.67	21.79	21.72		
10	64QAM	1	0	21.26	21.62	21.56	21.69	21.66	22.8	1
10	64QAM	1	25	21.38	21.55	21.54	21.74	21.67		
10	64QAM	1	49	21.45	21.62	21.57	21.54	21.53		
10	64QAM	25	0	20.36	20.57	20.65	20.59	20.63	21.8	2
10	64QAM	25	12	20.26	20.74	20.60	20.70	20.58		
10	64QAM	25	25	20.41	20.67	20.73	20.70	20.64		
10	64QAM	50	0	20.37	20.68	20.76	20.66	20.56		
10	256QAM	1	0	18.69	18.76	18.80	18.80	18.79	19.8	4
10	256QAM	1	25	18.62	18.74	18.71	18.71	18.75		
10	256QAM	1	49	18.74	18.81	18.71	18.72	18.65		
10	256QAM	25	0	18.73	18.82	18.73	18.67	18.78	19.8	4
10	256QAM	25	12	18.82	18.69	18.78	18.65	18.80		
10	256QAM	25	25	18.67	18.78	18.73	18.75	18.69		
10	256QAM	50	0	18.64	18.76	18.75	18.72	18.79		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.30	22.66	22.62	22.54	22.61	23.80	0
5	QPSK	1	12	22.18	22.65	22.53	22.63	22.61		
5	QPSK	1	24	22.21	22.49	22.53	22.60	22.65		
5	QPSK	12	0	22.27	22.67	22.55	22.63	22.53	23.8	0
5	QPSK	12	7	22.13	22.59	22.55	22.60	22.49		
5	QPSK	12	13	22.17	22.61	22.54	22.65	22.66		
5	QPSK	25	0	22.18	22.57	22.49	22.52	22.53		
5	16QAM	1	0	22.16	22.62	22.66	22.51	22.58	23.8	0
5	16QAM	1	12	22.19	22.66	22.58	22.63	22.59		
5	16QAM	1	24	22.20	22.57	22.51	22.69	22.58		
5	16QAM	12	0	21.51	21.79	21.71	21.79	21.76	22.8	1
5	16QAM	12	7	21.54	21.79	21.76	21.75	21.81		
5	16QAM	12	13	21.62	21.70	21.76	21.77	21.72		
5	16QAM	25	0	21.48	21.65	21.70	21.73	21.65		
5	64QAM	1	0	21.31	21.64	21.58	21.68	21.66	22.8	1
5	64QAM	1	12	21.38	21.59	21.57	21.72	21.63		
5	64QAM	1	24	21.43	21.68	21.61	21.62	21.55		
5	64QAM	12	0	20.27	20.56	20.66	20.57	20.67	21.8	2
5	64QAM	12	7	20.31	20.67	20.64	20.64	20.61		
5	64QAM	12	13	20.37	20.61	20.68	20.68	20.63		
5	64QAM	25	0	20.39	20.77	20.70	20.76	20.60		
5	256QAM	1	0	18.65	18.76	18.72	18.74	18.70	19.8	4
5	256QAM	1	12	18.64	18.70	18.69	18.77	18.73		
5	256QAM	1	24	18.83	18.75	18.76	18.75	18.72		
5	256QAM	12	0	18.74	18.75	18.78	18.65	18.74	19.8	4
5	256QAM	12	7	18.75	18.66	18.75	18.71	18.75		
5	256QAM	12	13	18.71	18.72	18.77	18.84	18.63		
5	256QAM	25	0	18.64	18.83	18.75	18.68	18.81		

Band 41-HPUE_ANT 3(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.26	24.58	24.57	24.51	24.56	25.4	0
20	QPSK	1	49	24.11	24.48	24.48	24.44	24.53		
20	QPSK	1	99	24.20	24.45	24.56	24.44	24.45		
20	QPSK	50	0	24.20	24.56	24.50	24.51	24.55	25.4	0
20	QPSK	50	24	24.08	24.52	24.45	24.47	24.50		
20	QPSK	50	50	24.18	24.53	24.46	24.50	24.51		
20	QPSK	100	0	23.90	24.36	24.16	24.18	24.22		
20	16QAM	1	0	24.17	24.43	24.52	24.46	24.45	25.4	0
20	16QAM	1	49	24.18	24.52	24.54	24.43	24.49		
20	16QAM	1	99	24.09	24.55	24.56	24.45	24.43		
20	16QAM	50	0	23.46	23.81	23.75	23.71	23.80	24.8	0.6
20	16QAM	50	24	23.37	23.74	23.81	23.70	23.73		
20	16QAM	50	50	23.47	23.72	23.71	23.76	23.80		
20	16QAM	100	0	23.39	23.83	23.73	23.71	23.69		
20	64QAM	1	0	23.38	23.82	23.78	23.71	23.77	24.8	0.6
20	64QAM	1	49	23.44	23.81	23.81	23.73	23.76		
20	64QAM	1	99	23.37	23.73	23.79	23.76	23.76		
20	64QAM	50	0	22.42	22.77	22.81	22.84	22.87	23.8	1.6
20	64QAM	50	24	22.46	22.82	22.90	22.84	22.83		
20	64QAM	50	50	22.46	22.77	22.77	22.83	22.85		
20	64QAM	100	0	22.56	22.91	22.85	22.90	22.86		
20	256QAM	1	0	20.97	20.86	20.86	20.90	20.98	21.8	3.6
20	256QAM	1	49	20.98	20.94	21.00	20.93	20.97		
20	256QAM	1	99	20.96	20.86	20.93	20.97	20.86		
20	256QAM	50	0	20.87	20.92	21.00	20.95	20.91	21.8	3.6
20	256QAM	50	24	20.89	20.99	20.92	20.98	20.93		
20	256QAM	50	50	20.93	21.00	20.97	20.89	21.00		
20	256QAM	100	0	20.87	20.91	20.98	20.90	20.89		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.14	24.45	24.44	24.48	24.43	25.40	0
15	QPSK	1	37	24.02	24.35	24.36	24.35	24.50		
15	QPSK	1	74	24.16	24.33	24.43	24.36	24.38		
15	QPSK	36	0	24.08	24.48	24.41	24.34	24.38	25.4	0
15	QPSK	36	20	24.03	24.45	24.35	24.43	24.45		
15	QPSK	36	39	24.15	24.42	24.35	24.41	24.45		
15	QPSK	75	0	23.84	24.19	24.11	24.12	24.12		
15	16QAM	1	0	24.12	24.38	24.45	24.36	24.38	25.4	0
15	16QAM	1	37	24.05	24.41	24.48	24.30	24.44		
15	16QAM	1	74	24.05	24.48	24.53	24.35	24.34		
15	16QAM	36	0	23.43	23.70	23.63	23.63	23.73	24.8	0.6
15	16QAM	36	20	23.25	23.69	23.71	23.64	23.60		
15	16QAM	36	39	23.44	23.65	23.67	23.67	23.77		
15	16QAM	75	0	23.35	23.74	23.68	23.59	23.63		
15	64QAM	1	0	23.35	23.71	23.67	23.58	23.65	24.8	0.6
15	64QAM	1	37	23.38	23.69	23.77	23.68	23.66		
15	64QAM	1	74	23.34	23.69	23.69	23.65	23.64		
15	64QAM	36	0	22.36	22.70	22.71	22.72	22.84	23.8	1.6
15	64QAM	36	20	22.33	22.74	22.78	22.76	22.71		
15	64QAM	36	39	22.43	22.74	22.65	22.77	22.73		
15	64QAM	75	0	22.45	22.80	22.77	22.82	22.78		
15	256QAM	1	0	20.84	20.81	20.76	20.84	20.86	21.8	3.6
15	256QAM	1	37	20.91	20.84	20.93	20.89	20.92		
15	256QAM	1	74	20.88	20.80	20.88	20.90	20.78		
15	256QAM	36	0	20.80	20.84	20.96	20.92	20.83	21.8	3.6
15	256QAM	36	20	20.86	20.92	20.79	20.94	20.86		
15	256QAM	36	39	20.88	20.94	20.84	20.77	20.87		
15	256QAM	75	0	20.81	20.85	20.89	20.79	20.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.16	24.47	24.48	24.41	24.53	25.40	0
10	QPSK	1	25	24.03	24.45	24.42	24.34	24.45		
10	QPSK	1	49	24.16	24.35	24.53	24.32	24.35		
10	QPSK	25	0	24.05	24.53	24.40	24.42	24.38	25.4	0
10	QPSK	25	12	23.99	24.48	24.32	24.42	24.43		
10	QPSK	25	25	24.05	24.42	24.41	24.46	24.48		
10	QPSK	50	0	23.83	24.23	24.11	24.08	24.11		
10	16QAM	1	0	24.13	24.32	24.46	24.41	24.36	25.4	0
10	16QAM	1	25	24.08	24.49	24.48	24.40	24.38		
10	16QAM	1	49	23.98	24.46	24.45	24.32	24.40		
10	16QAM	25	0	23.42	23.77	23.63	23.63	23.77	24.8	0.6
10	16QAM	25	12	23.28	23.67	23.68	23.67	23.69		
10	16QAM	25	25	23.43	23.67	23.65	23.63	23.77		
10	16QAM	50	0	23.33	23.79	23.68	23.63	23.56		
10	64QAM	1	0	23.34	23.75	23.72	23.62	23.69	24.8	0.6
10	64QAM	1	25	23.38	23.74	23.69	23.67	23.65		
10	64QAM	1	49	23.28	23.68	23.76	23.68	23.69		
10	64QAM	25	0	22.36	22.71	22.77	22.78	22.83	23.8	1.6
10	64QAM	25	12	22.39	22.79	22.82	22.81	22.74		
10	64QAM	25	25	22.37	22.72	22.65	22.75	22.72		
10	64QAM	50	0	22.45	22.78	22.82	22.77	22.79		
10	256QAM	1	0	20.87	20.81	20.83	20.78	20.85	21.8	3.6
10	256QAM	1	25	20.94	20.89	20.90	20.86	20.85		
10	256QAM	1	49	20.86	20.81	20.82	20.93	20.78		
10	256QAM	25	0	20.79	20.79	20.93	20.92	20.80	21.8	3.6
10	256QAM	25	12	20.79	20.87	20.87	20.91	20.82		
10	256QAM	25	25	20.86	20.91	20.91	20.79	20.88		
10	256QAM	50	0	20.82	20.88	20.94	20.79	20.82		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.15	24.53	24.48	24.46	24.48	25.40	0
5	QPSK	1	12	24.01	24.42	24.43	24.37	24.41		
5	QPSK	1	24	24.14	24.36	24.49	24.36	24.32		
5	QPSK	12	0	24.09	24.51	24.44	24.35	24.41	25.4	0
5	QPSK	12	7	23.99	24.42	24.34	24.44	24.46		
5	QPSK	12	13	24.07	24.42	24.36	24.37	24.44		
5	QPSK	25	0	23.86	24.20	24.11	24.15	24.10		
5	16QAM	1	0	24.06	24.33	24.42	24.33	24.41	25.4	0
5	16QAM	1	12	24.08	24.41	24.44	24.31	24.42		
5	16QAM	1	24	24.05	24.44	24.44	24.35	24.33		
5	16QAM	12	0	23.38	23.74	23.65	23.65	23.72	24.8	0.6
5	16QAM	12	7	23.30	23.66	23.76	23.64	23.69		
5	16QAM	12	13	23.37	23.60	23.61	23.71	23.74		
5	16QAM	25	0	23.26	23.77	23.70	23.65	23.62		
5	64QAM	1	0	23.34	23.71	23.68	23.60	23.73	24.8	0.6
5	64QAM	1	12	23.38	23.68	23.77	23.62	23.70		
5	64QAM	1	24	23.31	23.63	23.73	23.64	23.67		
5	64QAM	12	0	22.34	22.66	22.78	22.74	22.79	23.8	1.6
5	64QAM	12	7	22.42	22.78	22.78	22.79	22.80		
5	64QAM	12	13	22.38	22.66	22.64	22.77	22.74		
5	64QAM	25	0	22.44	22.79	22.77	22.84	22.75		
5	256QAM	1	0	20.93	20.76	20.78	20.84	20.86	21.8	3.6
5	256QAM	1	12	20.85	20.83	20.92	20.84	20.90		
5	256QAM	1	24	20.85	20.78	20.88	20.90	20.77		
5	256QAM	12	0	20.83	20.89	20.90	20.82	20.85	21.8	3.6
5	256QAM	12	7	20.81	20.86	20.83	20.88	20.90		
5	256QAM	12	13	20.86	20.97	20.85	20.85	20.94		
5	256QAM	25	0	20.84	20.78	20.94	20.81	20.86		

Band 38_ANT 3(DSI2&7&12&9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.44	23.28	23.38	24.3	0
20	QPSK	1	49	23.38	23.27	23.19		
20	QPSK	1	99	23.41	23.23	23.03		
20	QPSK	50	0	22.39	22.27	22.32	23.3	1
20	QPSK	50	24	22.36	22.22	22.14		
20	QPSK	50	50	22.35	22.21	22.14		
20	QPSK	100	0	22.30	22.12	22.18		
20	16QAM	1	0	22.02	21.97	22.35	23.3	1
20	16QAM	1	49	22.08	22.02	22.15		
20	16QAM	1	99	22.50	22.01	22.24		
20	16QAM	50	0	21.40	21.20	21.20	22.3	2
20	16QAM	50	24	21.52	21.16	21.20		
20	16QAM	50	50	21.43	21.13	21.11		
20	16QAM	100	0	21.38	21.15	21.20		
20	64QAM	1	0	21.07	21.05	21.09	22.3	2
20	64QAM	1	49	21.75	21.29	20.96		
20	64QAM	1	99	21.28	21.15	20.96		
20	64QAM	50	0	20.33	20.06	20.13	21.3	3
20	64QAM	50	24	20.59	20.19	20.21		
20	64QAM	50	50	20.31	20.27	20.18		
20	64QAM	100	0	20.37	20.11	20.14		
20	256QAM	1	0	18.28	18.30	18.24	19.3	5
20	256QAM	1	49	18.34	18.36	18.21		
20	256QAM	1	99	18.23	18.29	18.18		
20	256QAM	50	0	18.29	18.28	18.25	19.3	5
20	256QAM	50	24	18.37	18.32	18.28		
20	256QAM	50	50	18.36	18.36	18.23		
20	256QAM	100	0	18.33	18.26	18.28		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.12	22.97	22.92	24.3	0
15	QPSK	1	37	23.17	22.86	22.88		
15	QPSK	1	74	23.20	23.00	22.91		
15	QPSK	36	0	22.18	21.92	21.96	23.3	1
15	QPSK	36	20	22.36	22.01	22.02		
15	QPSK	36	39	22.34	22.05	22.01		
15	QPSK	75	0	22.26	21.97	21.99		
15	16QAM	1	0	22.06	21.96	22.08	23.3	1
15	16QAM	1	37	22.15	22.09	21.75		
15	16QAM	1	74	22.17	22.14	22.22		
15	16QAM	36	0	21.27	20.87	20.89	22.3	2
15	16QAM	36	20	21.29	21.11	21.09		
15	16QAM	36	39	21.38	21.01	21.03		
15	16QAM	75	0	21.29	20.98	20.94		
15	64QAM	1	0	21.13	21.18	20.90	22.3	2
15	64QAM	1	37	21.59	21.04	21.09		
15	64QAM	1	74	21.20	21.18	20.93		
15	64QAM	36	0	20.12	20.01	20.03	21.3	3
15	64QAM	36	20	20.33	19.92	20.06		
15	64QAM	36	39	20.30	19.98	19.94		
15	64QAM	75	0	20.36	19.94	19.97		
15	256QAM	1	0	18.24	18.27	18.27	19.3	5
15	256QAM	1	37	18.34	18.34	18.19		
15	256QAM	1	74	18.22	18.29	18.17		
15	256QAM	36	0	18.28	18.30	18.27	19.3	5
15	256QAM	36	20	18.33	18.32	18.31		
15	256QAM	36	39	18.37	18.37	18.24		
15	256QAM	75	0	18.37	18.28	18.32		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.19	23.09	22.95	24.3	0
10	QPSK	1	25	23.40	23.14	23.15		
10	QPSK	1	49	23.38	23.07	23.02		
10	QPSK	25	0	22.40	22.04	22.02	23.3	1
10	QPSK	25	12	22.41	22.07	22.06		
10	QPSK	25	25	22.44	22.15	22.12		
10	QPSK	50	0	22.40	22.12	22.09		
10	16QAM	1	0	22.22	22.24	22.02	23.3	1
10	16QAM	1	25	22.31	22.27	22.14		
10	16QAM	1	49	22.16	21.83	22.08		
10	16QAM	25	0	21.37	21.04	21.05	22.3	2
10	16QAM	25	12	21.29	21.14	21.06		
10	16QAM	25	25	21.49	21.19	21.14		
10	16QAM	50	0	21.44	21.11	21.09		
10	64QAM	1	0	21.53	21.31	20.85	22.3	2
10	64QAM	1	25	21.14	21.19	21.21		
10	64QAM	1	49	21.06	21.27	21.03		
10	64QAM	25	0	20.45	20.20	19.97	21.3	3
10	64QAM	25	12	20.48	20.14	20.06		
10	64QAM	25	25	20.44	20.24	20.23		
10	64QAM	50	0	20.41	20.05	20.11		
10	256QAM	1	0	18.27	18.29	18.26	19.3	5
10	256QAM	1	25	18.32	18.36	18.17		
10	256QAM	1	49	18.24	18.29	18.19		
10	256QAM	25	0	18.33	18.24	18.24	19.3	5
10	256QAM	25	12	18.41	18.33	18.25		
10	256QAM	25	25	18.34	18.40	18.20		
10	256QAM	50	0	18.35	18.22	18.27		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.31	23.06	22.97	24.3	0
5	QPSK	1	12	23.41	23.21	23.12		
5	QPSK	1	24	23.42	23.18	23.04		
5	QPSK	12	0	22.42	22.07	22.16	23.3	1
5	QPSK	12	7	22.44	22.16	22.17		
5	QPSK	12	13	22.47	22.15	22.08		
5	QPSK	25	0	22.44	22.01	22.13		
5	16QAM	1	0	22.72	22.11	21.95	23.3	1
5	16QAM	1	12	22.51	22.31	22.17		
5	16QAM	1	24	22.39	22.06	21.92		
5	16QAM	12	0	21.36	21.08	21.07	22.3	2
5	16QAM	12	7	21.51	21.14	21.12		
5	16QAM	12	13	21.30	21.09	21.16		
5	16QAM	25	0	21.42	21.08	21.19		
5	64QAM	1	0	21.70	21.04	21.23	22.3	2
5	64QAM	1	12	21.20	21.18	21.26		
5	64QAM	1	24	21.26	21.00	21.20		
5	64QAM	12	0	20.43	20.20	20.23	21.3	3
5	64QAM	12	7	20.40	20.02	20.09		
5	64QAM	12	13	20.45	20.12	20.10		
5	64QAM	25	0	20.47	20.05	20.19		
5	256QAM	1	0	18.31	18.28	18.28	19.3	5
5	256QAM	1	12	18.32	18.38	18.18		
5	256QAM	1	24	18.25	18.30	18.22		
5	256QAM	12	0	18.27	18.28	18.24	19.3	5
5	256QAM	12	7	18.33	18.31	18.24		
5	256QAM	12	13	18.39	18.36	18.21		
5	256QAM	25	0	18.30	18.27	18.26		

Band 41_ANT 3(DSI2&7&12&9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.41	23.85	23.79	23.61	23.80	24.8	0
20	QPSK	1	49	23.34	23.74	23.78	23.56	23.66		
20	QPSK	1	99	23.40	23.75	23.61	23.60	23.78		
20	QPSK	50	0	22.60	22.88	22.83	22.78	22.82	23.8	1
20	QPSK	50	24	22.59	22.84	22.80	22.72	22.71		
20	QPSK	50	50	22.47	22.85	22.80	22.75	22.77		
20	QPSK	100	0	22.57	22.86	22.72	22.63	22.77		
20	16QAM	1	0	22.39	22.59	22.63	22.75	22.92	23.8	1
20	16QAM	1	49	22.36	22.84	22.70	22.73	22.53		
20	16QAM	1	99	22.50	22.94	22.75	22.93	22.90		
20	16QAM	50	0	21.49	21.76	21.84	21.73	21.82	22.8	2
20	16QAM	50	24	21.56	21.86	21.75	21.72	21.70		
20	16QAM	50	50	21.49	21.92	21.86	21.73	21.92		
20	16QAM	100	0	21.54	21.87	21.69	21.67	21.74		
20	64QAM	1	0	21.43	21.60	21.51	21.72	21.50	22.8	2
20	64QAM	1	49	21.81	21.47	21.71	21.81	21.60		
20	64QAM	1	99	21.06	21.79	21.75	21.89	21.72		
20	64QAM	50	0	20.42	20.85	20.62	20.72	20.69	21.8	3
20	64QAM	50	24	20.55	20.92	20.71	20.78	20.75		
20	64QAM	50	50	20.39	20.91	20.84	20.80	20.84		
20	64QAM	100	0	20.55	20.90	20.75	20.65	20.70		
20	256QAM	1	0	18.72	18.81	18.86	18.82	18.74	19.8	5
20	256QAM	1	49	18.63	18.72	18.85	18.80	18.69		
20	256QAM	1	99	18.56	18.70	18.84	18.75	18.66		
20	256QAM	50	0	18.76	18.82	18.86	18.84	18.73	19.8	5
20	256QAM	50	24	18.80	18.80	18.85	18.85	18.70		
20	256QAM	50	50	18.77	18.76	18.91	18.88	18.72		
20	256QAM	100	0	18.79	18.82	18.83	18.87	18.68		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.15	23.55	23.53	23.84	23.76	24.80	0
15	QPSK	1	37	23.40	23.67	23.46	23.68	23.34		
15	QPSK	1	74	23.09	23.55	23.58	23.41	23.63		
15	QPSK	36	0	22.26	22.64	22.65	22.57	22.50	23.8	1
15	QPSK	36	20	22.39	22.81	22.49	22.59	22.65		
15	QPSK	36	39	22.24	22.78	22.66	22.63	22.64		
15	QPSK	75	0	22.39	22.77	22.52	22.59	22.56		
15	16QAM	1	0	22.13	22.72	22.45	22.44	22.62	23.8	1
15	16QAM	1	37	22.28	22.61	22.59	22.72	22.35		
15	16QAM	1	74	22.32	22.55	22.85	22.45	22.35		
15	16QAM	36	0	21.37	21.60	21.54	21.47	21.53	22.8	2
15	16QAM	36	20	21.37	21.73	21.59	21.62	21.64		
15	16QAM	36	39	21.22	21.59	21.64	21.63	21.70		
15	16QAM	75	0	21.31	21.76	21.45	21.64	21.62		
15	64QAM	1	0	21.23	21.61	21.50	22.02	21.66	22.8	2
15	64QAM	1	37	21.50	21.90	21.39	21.57	21.41		
15	64QAM	1	74	21.40	21.70	21.47	21.46	21.15		
15	64QAM	36	0	20.44	20.66	20.55	20.65	20.55	21.8	3
15	64QAM	36	20	20.34	20.73	20.56	20.57	20.55		
15	64QAM	36	39	20.30	20.72	20.62	20.58	20.64		
15	64QAM	75	0	20.36	20.69	20.51	20.64	20.67		
15	256QAM	1	0	18.74	18.78	18.87	18.82	18.77	19.8	5
15	256QAM	1	37	18.59	18.71	18.81	18.81	18.69		
15	256QAM	1	74	18.54	18.68	18.86	18.71	18.62		
15	256QAM	36	0	18.73	18.86	18.82	18.87	18.71	19.8	5
15	256QAM	36	20	18.83	18.76	18.88	18.89	18.70		
15	256QAM	36	39	18.76	18.74	18.93	18.91	18.73		
15	256QAM	75	0	18.82	18.78	18.81	18.87	18.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.41	23.67	23.65	23.56	23.64	24.80	0
10	QPSK	1	25	23.35	23.71	23.70	23.67	23.66		
10	QPSK	1	49	23.40	23.82	23.69	23.52	23.64		
10	QPSK	25	0	22.40	22.81	22.70	22.66	22.68	23.8	1
10	QPSK	25	12	22.36	22.86	22.67	22.72	22.63		
10	QPSK	25	25	22.42	22.91	22.78	22.78	22.80		
10	QPSK	50	0	22.47	22.87	22.74	22.72	22.74		
10	16QAM	1	0	22.16	22.78	22.73	22.75	22.95	23.8	1
10	16QAM	1	25	22.51	22.87	22.74	22.93	22.83		
10	16QAM	1	49	22.43	22.64	22.68	22.79	22.67		
10	16QAM	25	0	21.40	21.74	21.68	21.71	21.57	22.8	2
10	16QAM	25	12	21.49	21.94	21.79	21.76	21.69		
10	16QAM	25	25	21.45	21.89	21.81	21.74	21.69		
10	16QAM	50	0	21.45	21.83	21.75	21.68	21.77		
10	64QAM	1	0	21.32	21.80	21.49	21.93	21.74	22.8	2
10	64QAM	1	25	21.49	21.92	21.45	22.01	21.95		
10	64QAM	1	49	21.40	22.00	21.81	21.33	21.34		
10	64QAM	25	0	20.29	20.89	20.78	20.53	20.61	21.8	3
10	64QAM	25	12	20.43	20.91	20.60	20.75	20.67		
10	64QAM	25	25	20.31	20.85	20.78	20.76	20.76		
10	64QAM	50	0	20.46	20.86	20.72	20.80	20.69		
10	256QAM	1	0	18.75	18.85	18.88	18.86	18.77	19.8	5
10	256QAM	1	25	18.61	18.76	18.81	18.77	18.66		
10	256QAM	1	49	18.55	18.69	18.82	18.71	18.62		
10	256QAM	25	0	18.72	18.86	18.82	18.80	18.73	19.8	5
10	256QAM	25	12	18.79	18.76	18.86	18.84	18.74		
10	256QAM	25	25	18.81	18.72	18.94	18.86	18.72		
10	256QAM	50	0	18.79	18.80	18.85	18.88	18.69		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.29	23.70	23.67	23.62	23.57	24.80	0
5	QPSK	1	12	23.40	23.81	23.67	23.83	23.82		
5	QPSK	1	24	23.32	23.74	23.71	23.48	23.63		
5	QPSK	12	0	22.36	22.79	22.68	22.63	22.70	23.8	1
5	QPSK	12	7	22.39	22.90	22.78	22.76	22.68		
5	QPSK	12	13	22.44	22.86	22.68	22.70	22.67		
5	QPSK	25	0	22.39	22.78	22.61	22.62	22.61		
5	16QAM	1	0	22.24	22.75	22.32	22.74	22.64	23.8	1
5	16QAM	1	12	22.43	22.50	23.01	22.20	22.78		
5	16QAM	1	24	22.31	22.25	23.03	22.55	22.66		
5	16QAM	12	0	21.32	21.80	21.66	21.58	21.68	22.8	2
5	16QAM	12	7	21.40	21.80	21.71	21.76	21.72		
5	16QAM	12	13	21.38	21.93	21.76	21.74	21.66		
5	16QAM	25	0	21.36	21.91	21.61	21.63	21.60		
5	64QAM	1	0	21.29	21.61	21.24	21.67	21.29	22.8	2
5	64QAM	1	12	21.36	21.60	21.60	21.76	21.54		
5	64QAM	1	24	21.35	22.06	22.03	21.29	21.49		
5	64QAM	12	0	20.38	20.89	20.68	20.48	20.66	21.8	3
5	64QAM	12	7	20.53	20.77	20.81	20.66	20.69		
5	64QAM	12	13	20.46	20.72	20.60	20.74	20.68		
5	64QAM	25	0	20.37	20.84	20.65	20.65	20.58		
5	256QAM	1	0	18.69	18.79	18.83	18.81	18.78	19.8	5
5	256QAM	1	12	18.66	18.70	18.83	18.83	18.68		
5	256QAM	1	24	18.55	18.71	18.81	18.78	18.64		
5	256QAM	12	0	18.77	18.80	18.82	18.80	18.77	19.8	5
5	256QAM	12	7	18.78	18.76	18.84	18.86	18.66		
5	256QAM	12	13	18.81	18.73	18.90	18.87	18.76		
5	256QAM	25	0	18.75	18.79	18.81	18.88	18.68		

Band 41-HPUE_ANT 3(DSI2&7&12&9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.51	26.10	25.68	25.80	26.00	26.8	0
20	QPSK	1	49	25.34	25.78	25.67	25.58	25.82		
20	QPSK	1	99	25.43	25.74	25.65	25.54	25.73		
20	QPSK	50	0	24.58	24.89	24.84	24.72	24.87	25.8	1
20	QPSK	50	24	24.53	24.75	24.63	24.70	24.86		
20	QPSK	50	50	24.51	24.77	24.83	24.66	24.86		
20	QPSK	100	0	24.51	24.87	24.68	24.59	24.86		
20	16QAM	1	0	24.90	25.34	25.08	25.28	24.98	25.8	1
20	16QAM	1	49	25.17	25.14	25.23	24.89	25.20		
20	16QAM	1	99	24.45	25.33	24.89	24.78	24.92		
20	16QAM	50	0	23.44	23.76	23.71	23.86	23.85	24.8	2
20	16QAM	50	24	23.71	23.77	23.79	23.81	23.95		
20	16QAM	50	50	23.57	23.86	23.78	23.80	23.99		
20	16QAM	100	0	23.57	23.78	23.69	23.72	23.89		
20	64QAM	1	0	23.61	24.11	23.64	23.57	24.11	24.8	2
20	64QAM	1	49	23.46	24.01	23.75	23.85	24.04		
20	64QAM	1	99	23.70	23.96	23.51	24.03	24.13		
20	64QAM	50	0	22.51	22.91	22.78	22.78	22.75	23.8	3
20	64QAM	50	24	22.59	22.84	22.76	22.74	22.97		
20	64QAM	50	50	22.62	22.77	22.81	22.77	22.87		
20	64QAM	100	0	22.70	22.85	22.73	22.78	22.93		
20	256QAM	1	0	20.96	20.93	21.03	21.01	20.97	21.8	5
20	256QAM	1	49	20.89	20.90	21.00	21.02	20.93		
20	256QAM	1	99	20.85	20.89	21.01	20.96	20.88		
20	256QAM	50	0	20.81	20.81	20.93	20.90	20.85	21.8	5
20	256QAM	50	24	20.82	20.74	20.87	20.86	20.88		
20	256QAM	50	50	20.76	20.80	20.93	20.88	20.82		
20	256QAM	100	0	20.82	20.75	20.86	20.89	20.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.16	25.58	25.61	25.55	25.52	26.80	0
15	QPSK	1	37	25.30	25.72	25.51	25.30	25.48		
15	QPSK	1	74	25.10	25.56	25.48	25.29	25.53		
15	QPSK	36	0	24.32	24.68	24.57	24.64	24.57	25.8	1
15	QPSK	36	20	24.40	24.74	24.54	24.59	24.72		
15	QPSK	36	39	24.25	24.80	24.71	24.49	24.57		
15	QPSK	75	0	24.37	24.81	24.55	24.39	24.68		
15	16QAM	1	0	24.35	24.95	24.77	24.49	25.05	25.8	1
15	16QAM	1	37	24.84	25.13	24.84	24.76	24.85		
15	16QAM	1	74	24.24	24.95	24.58	25.05	24.81		
15	16QAM	36	0	23.34	23.75	23.59	23.64	23.59	24.8	2
15	16QAM	36	20	23.45	23.77	23.57	23.67	23.73		
15	16QAM	36	39	23.34	23.81	23.70	23.66	23.69		
15	16QAM	75	0	23.38	23.79	23.53	23.62	23.68		
15	64QAM	1	0	23.63	23.83	23.53	23.67	23.57	24.8	2
15	64QAM	1	37	23.67	23.92	24.15	24.06	23.24		
15	64QAM	1	74	23.39	23.85	23.71	23.72	23.91		
15	64QAM	36	0	22.37	22.66	22.54	22.55	22.60	23.8	3
15	64QAM	36	20	22.30	22.76	22.63	22.60	22.66		
15	64QAM	36	39	22.27	22.81	22.64	22.69	22.59		
15	64QAM	75	0	22.41	22.72	22.66	22.67	22.67		
15	256QAM	1	0	20.94	20.97	21.05	21.01	20.96	21.8	5
15	256QAM	1	37	20.88	20.94	21.02	21.01	20.88		
15	256QAM	1	74	20.87	20.86	20.97	21.00	20.88		
15	256QAM	36	0	20.78	20.85	20.95	20.93	20.83	21.8	5
15	256QAM	36	20	20.86	20.84	20.91	20.82	20.71		
15	256QAM	36	39	20.74	20.81	20.97	20.86	20.83		
15	256QAM	75	0	20.82	20.84	20.90	20.93	20.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.32	25.76	25.71	25.49	25.74	26.80	0
10	QPSK	1	25	25.46	25.83	25.78	25.39	25.82		
10	QPSK	1	49	25.38	25.75	25.75	25.39	25.56		
10	QPSK	25	0	24.40	24.89	24.74	24.52	24.78	25.8	1
10	QPSK	25	12	24.45	24.95	24.68	24.48	24.73		
10	QPSK	25	25	24.43	24.89	24.78	24.44	24.78		
10	QPSK	50	0	24.46	24.86	24.64	24.29	24.66		
10	16QAM	1	0	24.54	25.39	25.39	24.68	24.68	25.8	1
10	16QAM	1	25	24.71	24.95	25.12	24.86	24.94		
10	16QAM	1	49	24.77	25.50	24.82	24.94	25.10		
10	16QAM	25	0	23.48	23.85	23.78	23.81	23.80	24.8	2
10	16QAM	25	12	23.58	23.98	23.70	23.82	23.79		
10	16QAM	25	25	23.42	23.92	23.82	23.68	23.84		
10	16QAM	50	0	23.53	23.87	23.68	23.72	23.63		
10	64QAM	1	0	23.44	24.27	23.91	23.46	23.96	24.8	2
10	64QAM	1	25	23.85	24.09	23.86	24.00	24.28		
10	64QAM	1	49	23.63	23.89	23.77	23.77	24.33		
10	64QAM	25	0	22.37	22.91	22.75	22.68	22.67	23.8	3
10	64QAM	25	12	22.55	22.87	22.72	22.80	22.73		
10	64QAM	25	25	22.37	22.98	22.90	22.78	22.82		
10	64QAM	50	0	22.49	22.92	22.78	22.75	22.73		
10	256QAM	1	0	20.99	20.99	21.07	21.00	20.95	21.8	5
10	256QAM	1	25	20.92	20.93	20.96	21.02	20.92		
10	256QAM	1	49	20.81	20.91	21.03	20.99	20.91		
10	256QAM	25	0	20.80	20.84	20.94	20.90	20.82	21.8	5
10	256QAM	25	12	20.81	20.90	20.91	20.88	20.74		
10	256QAM	25	25	20.76	20.83	20.94	20.88	20.76		
10	256QAM	50	0	20.86	20.79	20.88	20.93	20.71		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.26	25.72	25.54	25.36	25.62	26.80	0
5	QPSK	1	12	25.44	25.80	25.75	25.42	25.69		
5	QPSK	1	24	25.37	25.89	25.85	25.22	25.55		
5	QPSK	12	0	24.47	24.84	24.64	24.56	24.61	25.8	1
5	QPSK	12	7	24.44	24.91	24.83	24.48	24.71		
5	QPSK	12	13	24.46	24.79	24.77	24.52	24.79		
5	QPSK	25	0	24.48	24.82	24.69	24.35	24.61		
5	16QAM	1	0	24.58	24.99	25.07	24.93	24.64	25.8	1
5	16QAM	1	12	24.94	25.22	25.10	24.29	25.13		
5	16QAM	1	24	24.82	24.97	24.61	24.60	25.17		
5	16QAM	12	0	23.44	23.98	23.59	23.74	23.53	24.8	2
5	16QAM	12	7	23.48	23.93	23.78	23.70	23.82		
5	16QAM	12	13	23.50	23.87	23.76	23.71	23.75		
5	16QAM	25	0	23.49	23.86	23.74	23.58	23.72		
5	64QAM	1	0	23.64	23.89	23.96	23.73	23.82	24.8	2
5	64QAM	1	12	23.34	23.99	24.13	23.50	24.02		
5	64QAM	1	24	23.44	24.03	23.96	23.59	24.01		
5	64QAM	12	0	22.57	22.90	22.76	22.74	22.71	23.8	3
5	64QAM	12	7	22.50	23.06	22.85	22.79	22.77		
5	64QAM	12	13	22.53	22.94	22.76	22.75	22.78		
5	64QAM	25	0	22.43	22.82	22.66	22.61	22.70		
5	256QAM	1	0	20.92	20.96	21.02	20.97	20.91	21.8	5
5	256QAM	1	12	20.93	20.96	20.97	20.99	20.87		
5	256QAM	1	24	20.86	20.87	21.05	20.94	20.93		
5	256QAM	12	0	20.84	20.88	20.94	20.88	20.82	21.8	5
5	256QAM	12	7	20.82	20.86	20.89	20.90	20.71		
5	256QAM	12	13	20.73	20.85	20.93	20.88	20.79		
5	256QAM	25	0	20.84	20.84	20.90	20.93	20.73		

UL CA with Top Antenna

CA_7C_ANT 2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	DSI4/9/14	23.06	24.00
21100	21298	QPSK	1	0	0	0	1	0	DSI4/9/14	22.95	24.00
21350	21152	QPSK	1	0	0	0	1	0	DSI4/9/14	23.07	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI1	20.43	21.50
21100	21298	QPSK	1	0	0	0	1	0	DSI1	20.37	21.50
21350	21152	QPSK	1	0	0	0	1	0	DSI1	20.50	21.50
20850	21048	QPSK	1	0	0	0	1	0	DSI5/6/11/17	20.00	21.00
21100	21298	QPSK	1	0	0	0	1	0	DSI5/6/11/17	20.08	21.00
21350	21152	QPSK	1	0	0	0	1	0	DSI5/6/11/17	20.06	21.00
20850	21048	QPSK	1	0	0	0	1	0	DSI10/15	18.97	20.00
21100	21298	QPSK	1	0	0	0	1	0	DSI10/15	18.94	20.00
21350	21152	QPSK	1	0	0	0	1	0	DSI10/15	19.07	20.00

CA_38C_ANT 2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	DSI4/9/14	23.06	24.30
37901	38099	QPSK	1	0	0	0	1	0	DSI4/9/14	23.04	24.30
38150	37952	QPSK	1	0	0	0	1	0	DSI4/9/14	23.03	24.30
37850	38048	QPSK	1	0	0	0	1	0	DSI1	22.10	23.00
37901	38099	QPSK	1	0	0	0	1	0	DSI1	22.08	23.00
38150	37952	QPSK	1	0	0	0	1	0	DSI1	22.01	23.00
37850	38048	QPSK	1	0	0	0	1	0	DSI17	21.05	22.00
37901	38099	QPSK	1	0	0	0	1	0	DSI17	21.09	22.00
38150	37952	QPSK	1	0	0	0	1	0	DSI17	21.05	22.00
37850	38048	QPSK	1	0	0	0	1	0	DSI5	20.92	21.80
37901	38099	QPSK	1	0	0	0	1	0	DSI5	20.91	21.80
38150	37952	QPSK	1	0	0	0	1	0	DSI5	20.85	21.80
37850	38048	QPSK	1	0	0	0	1	0	DSI6/11	20.14	21.00
37901	38099	QPSK	1	0	0	0	1	0	DSI6/11	20.13	21.00
38150	37952	QPSK	1	0	0	0	1	0	DSI6/11	20.06	21.00
37850	38048	QPSK	1	0	0	0	1	0	DSI10/15	19.91	20.80
37901	38099	QPSK	1	0	0	0	1	0	DSI10/15	19.87	20.80
38150	37952	QPSK	1	0	0	0	1	0	DSI10/15	19.85	20.80

CA_41C_ANT 2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	DSI4/9/14	23.11	24.80
39750	39948	QPSK	1	0	0	0	1	0	DSI4/9/14	23.08	24.80
40185	40383	QPSK	1	0	0	0	1	0	DSI4/9/14	22.99	24.80
40620	40422	QPSK	1	0	0	0	1	0	DSI4/9/14	23.10	24.80
41055	40857	QPSK	1	0	0	0	1	0	DSI4/9/14	22.92	24.80
41490	41292	QPSK	1	0	0	0	1	0	DSI4/9/14	22.93	24.80
39790	39988	QPSK	1	0	0	0	1	0	DSI1	21.88	23.00
39750	39948	QPSK	1	0	0	0	1	0	DSI1	21.76	23.00
40185	40383	QPSK	1	0	0	0	1	0	DSI1	21.74	23.00
40620	40422	QPSK	1	0	0	0	1	0	DSI1	21.80	23.00
41055	40857	QPSK	1	0	0	0	1	0	DSI1	21.66	23.00
41490	41292	QPSK	1	0	0	0	1	0	DSI1	21.69	23.00
39790	39988	QPSK	1	0	0	0	1	0	DSI17	20.81	22.00
39750	39948	QPSK	1	0	0	0	1	0	DSI17	20.79	22.00
40185	40383	QPSK	1	0	0	0	1	0	DSI17	20.78	22.00
40620	40422	QPSK	1	0	0	0	1	0	DSI17	20.80	22.00
41055	40857	QPSK	1	0	0	0	1	0	DSI17	20.66	22.00
41490	41292	QPSK	1	0	0	0	1	0	DSI17	20.63	22.00
39790	39988	QPSK	1	0	0	0	1	0	DSI5	20.61	21.80
39750	39948	QPSK	1	0	0	0	1	0	DSI5	20.54	21.80
40185	40383	QPSK	1	0	0	0	1	0	DSI5	20.56	21.80
40620	40422	QPSK	1	0	0	0	1	0	DSI5	20.60	21.80
41055	40857	QPSK	1	0	0	0	1	0	DSI5	20.50	21.80
41490	41292	QPSK	1	0	0	0	1	0	DSI5	20.47	21.80
39790	39988	QPSK	1	0	0	0	1	0	DSI6/11	19.84	21.00
39750	39948	QPSK	1	0	0	0	1	0	DSI6/11	19.76	21.00
40185	40383	QPSK	1	0	0	0	1	0	DSI6/11	19.75	21.00
40620	40422	QPSK	1	0	0	0	1	0	DSI6/11	19.75	21.00
41055	40857	QPSK	1	0	0	0	1	0	DSI6/11	19.63	21.00
41490	41292	QPSK	1	0	0	0	1	0	DSI6/11	19.65	21.00
39790	39988	QPSK	1	0	0	0	1	0	DSI10/15	19.69	20.80
39750	39948	QPSK	1	0	0	0	1	0	DSI10/15	19.68	20.80
40185	40383	QPSK	1	0	0	0	1	0	DSI10/15	19.58	20.80
40620	40422	QPSK	1	0	0	0	1	0	DSI10/15	19.62	20.80
41055	40857	QPSK	1	0	0	0	1	0	DSI10/15	19.45	20.80
41490	41292	QPSK	1	0	0	0	1	0	DSI10/15	19.47	20.80

CA_41C(HPUE)_ANT 2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	DSI4/9/14	25.08	26.80
39750	39948	QPSK	1	0	0	0	1	0	DSI4/9/14	25.03	26.80
40185	40383	QPSK	1	0	0	0	1	0	DSI4/9/14	24.95	26.80
40620	40422	QPSK	1	0	0	0	1	0	DSI4/9/14	25.07	26.80
41055	40857	QPSK	1	0	0	0	1	0	DSI4/9/14	24.90	26.80
41490	41292	QPSK	1	0	0	0	1	0	DSI4/9/14	24.99	26.80
39790	39988	QPSK	1	0	0	0	1	0	DSI1	23.63	24.60
39750	39948	QPSK	1	0	0	0	1	0	DSI1	23.51	24.60
40185	40383	QPSK	1	0	0	0	1	0	DSI1	23.58	24.60
40620	40422	QPSK	1	0	0	0	1	0	DSI1	23.62	24.60
41055	40857	QPSK	1	0	0	0	1	0	DSI1	23.55	24.60
41490	41292	QPSK	1	0	0	0	1	0	DSI1	23.51	24.60
39790	39988	QPSK	1	0	0	0	1	0	DSI17	22.75	23.60
39750	39948	QPSK	1	0	0	0	1	0	DSI17	22.57	23.60
40185	40383	QPSK	1	0	0	0	1	0	DSI17	22.74	23.60
40620	40422	QPSK	1	0	0	0	1	0	DSI17	22.60	23.60
41055	40857	QPSK	1	0	0	0	1	0	DSI17	22.56	23.60
41490	41292	QPSK	1	0	0	0	1	0	DSI17	22.27	23.60
39790	39988	QPSK	1	0	0	0	1	0	DSI5	22.43	23.40
39750	39948	QPSK	1	0	0	0	1	0	DSI5	22.42	23.40
40185	40383	QPSK	1	0	0	0	1	0	DSI5	22.39	23.40
40620	40422	QPSK	1	0	0	0	1	0	DSI5	22.41	23.40
41055	40857	QPSK	1	0	0	0	1	0	DSI5	22.33	23.40
41490	41292	QPSK	1	0	0	0	1	0	DSI5	22.26	23.40
39790	39988	QPSK	1	0	0	0	1	0	DSI6/11	21.47	22.60
39750	39948	QPSK	1	0	0	0	1	0	DSI6/11	21.45	22.60
40185	40383	QPSK	1	0	0	0	1	0	DSI6/11	21.36	22.60
40620	40422	QPSK	1	0	0	0	1	0	DSI6/11	21.34	22.60
41055	40857	QPSK	1	0	0	0	1	0	DSI6/11	21.36	22.60
41490	41292	QPSK	1	0	0	0	1	0	DSI6/11	21.32	22.60
39790	39988	QPSK	1	0	0	0	1	0	DSI10/15	21.39	22.40
39750	39948	QPSK	1	0	0	0	1	0	DSI10/15	21.36	22.40
40185	40383	QPSK	1	0	0	0	1	0	DSI10/15	21.37	22.40
40620	40422	QPSK	1	0	0	0	1	0	DSI10/15	21.38	22.40
41055	40857	QPSK	1	0	0	0	1	0	DSI10/15	21.38	22.40
41490	41292	QPSK	1	0	0	0	1	0	DSI10/15	21.27	22.40

CA_48C_ANT 5											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
55340	55538	QPSK	1	0	0	0	1	0	DSI4/9/14	23.24	24.80
55830	55632	QPSK	1	0	0	0	1	0	DSI4/9/14	22.99	24.80
56150	55952	QPSK	1	0	0	0	1	0	DSI4/9/14	23.04	24.80
56640	56442	QPSK	1	0	0	0	1	0	DSI4/9/14	22.92	24.80
55340	55538	QPSK	1	0	0	0	1	0	DSI1	22.03	22.80
55830	55632	QPSK	1	0	0	0	1	0	DSI1	21.81	22.80
56150	55952	QPSK	1	0	0	0	1	0	DSI1	21.77	22.80
56640	56442	QPSK	1	0	0	0	1	0	DSI1	21.68	22.80
55340	55538	QPSK	1	0	0	0	1	0	DSI17	20.57	22.00
55830	55632	QPSK	1	0	0	0	1	0	DSI17	20.33	22.00
56150	55952	QPSK	1	0	0	0	1	0	DSI17	20.39	22.00
56640	56442	QPSK	1	0	0	0	1	0	DSI17	20.10	22.00
55340	55538	QPSK	1	0	0	0	1	0	DSI6/11	20.04	20.80
55830	55632	QPSK	1	0	0	0	1	0	DSI6/11	19.79	20.80
56150	55952	QPSK	1	0	0	0	1	0	DSI6/11	19.84	20.80
56640	56442	QPSK	1	0	0	0	1	0	DSI6/11	19.63	20.80
55340	55538	QPSK	1	0	0	0	1	0	DSI5	16.78	17.50
55830	55632	QPSK	1	0	0	0	1	0	DSI5	16.73	17.50
56150	55952	QPSK	1	0	0	0	1	0	DSI5	16.59	17.50
56640	56442	QPSK	1	0	0	0	1	0	DSI5	16.34	17.50
55340	55538	QPSK	1	0	0	0	1	0	DSI10/15	16.05	16.80
55830	55632	QPSK	1	0	0	0	1	0	DSI10/15	15.85	16.80
56150	55952	QPSK	1	0	0	0	1	0	DSI10/15	15.87	16.80
56640	56442	QPSK	1	0	0	0	1	0	DSI10/15	15.64	16.80

CA_48C_ANT 10											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
55340	55538	QPSK	1	0	0	0	1	0	DSI4/9/14	23.39	24.80
55830	55632	QPSK	1	0	0	0	1	0	DSI4/9/14	23.11	24.80
56150	55952	QPSK	1	0	0	0	1	0	DSI4/9/14	23.14	24.80
56640	56442	QPSK	1	0	0	0	1	0	DSI4/9/14	22.99	24.80
55340	55538	QPSK	1	0	0	0	1	0	DSI9/14	20.20	21.80
55830	55632	QPSK	1	0	0	0	1	0	DSI9/14	19.97	21.80
56150	55952	QPSK	1	0	0	0	1	0	DSI9/14	20.03	21.80
56640	56442	QPSK	1	0	0	0	1	0	DSI9/14	19.88	21.80
55340	55538	QPSK	1	0	0	0	1	0	DSI1	19.29	20.30
55830	55632	QPSK	1	0	0	0	1	0	DSI1	18.99	20.30
56150	55952	QPSK	1	0	0	0	1	0	DSI1	19.00	20.30
56640	56442	QPSK	1	0	0	0	1	0	DSI1	18.80	20.30
55340	55538	QPSK	1	0	0	0	1	0	DSI6/11	17.75	18.80
55830	55632	QPSK	1	0	0	0	1	0	DSI6/11	17.69	18.80
56150	55952	QPSK	1	0	0	0	1	0	DSI6/11	17.58	18.80
56640	56442	QPSK	1	0	0	0	1	0	DSI6/11	17.38	18.80
55340	55538	QPSK	1	0	0	0	1	0	DSI5/10/15/17	16.30	17.30
55830	55632	QPSK	1	0	0	0	1	0	DSI5/10/15/17	16.03	17.30
56150	55952	QPSK	1	0	0	0	1	0	DSI5/10/15/17	16.14	17.30
56640	56442	QPSK	1	0	0	0	1	0	DSI5/10/15/17	15.81	17.30

UL CA with Bottom Antenna

CA_7C_ANT 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	DSI4/9/14	22.38	24.00
21100	21298	QPSK	1	0	0	0	1	0	DSI4/9/14	22.52	24.00
21350	21152	QPSK	1	0	0	0	1	0	DSI4/9/14	22.57	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI17	19.83	21.50
21100	21298	QPSK	1	0	0	0	1	0	DSI17	19.95	21.50
21350	21152	QPSK	1	0	0	0	1	0	DSI17	19.96	21.50
20850	21048	QPSK	1	0	0	0	1	0	DSI2/5/10/15	18.85	20.50
21100	21298	QPSK	1	0	0	0	1	0	DSI2/5/10/15	18.84	20.50
21350	21152	QPSK	1	0	0	0	1	0	DSI2/5/10/15	18.94	20.50
20850	21048	QPSK	1	0	0	0	1	0	DSI7/12	17.34	19.00
21100	21298	QPSK	1	0	0	0	1	0	DSI7/12	17.32	19.00
21350	21152	QPSK	1	0	0	0	1	0	DSI7/12	17.40	19.00

CA_38C_ANT 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	22.56	24.30
37901	38099	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	22.59	24.30
38150	37952	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	22.58	24.30
37850	38048	QPSK	1	0	0	0	1	0	DSI5/10/15/17	21.87	23.40
37901	38099	QPSK	1	0	0	0	1	0	DSI5/10/15/17	21.89	23.40
38150	37952	QPSK	1	0	0	0	1	0	DSI5/10/15/17	21.97	23.40

CA_41C_ANT 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	22.94	24.80
39750	39948	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	22.95	24.80
40185	40383	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	23.05	24.80
40620	40422	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	23.20	24.80
41055	40857	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	23.21	24.80
41490	41292	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	23.1	24.80
39790	39988	QPSK	1	0	0	0	1	0	DSI5/10/15/17	22.09	23.80
39750	39948	QPSK	1	0	0	0	1	0	DSI5/10/15/17	22.03	23.80
40185	40383	QPSK	1	0	0	0	1	0	DSI5/10/15/17	22.25	23.80
40620	40422	QPSK	1	0	0	0	1	0	DSI5/10/15/17	22.30	23.80
41055	40857	QPSK	1	0	0	0	1	0	DSI5/10/15/17	22.34	23.80
41490	41292	QPSK	1	0	0	0	1	0	DSI5/10/15/17	22.30	23.80

CA_41C(HPUE)_ANT 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	24.94	26.80
39750	39948	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	24.83	26.80
40185	40383	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	25.00	26.80
40620	40422	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	25.12	26.80
41055	40857	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	25.18	26.80
41490	41292	QPSK	1	0	0	0	1	0	DSI2/4/7/9/12/14	25.05	26.80
39790	39988	QPSK	1	0	0	0	1	0	DSI5/10/15/17	23.88	25.40
39750	39948	QPSK	1	0	0	0	1	0	DSI5/10/15/17	23.86	25.40
40185	40383	QPSK	1	0	0	0	1	0	DSI5/10/15/17	24.02	25.40
40620	40422	QPSK	1	0	0	0	1	0	DSI5/10/15/17	24.10	25.40
41055	40857	QPSK	1	0	0	0	1	0	DSI5/10/15/17	24.12	25.40
41490	41292	QPSK	1	0	0	0	1	0	DSI5/10/15/17	24.06	25.40

Inter Band CA Power

PCC:Ant2 SCC:Ant1 — Tune up Power (dBm)

CA_2A-4A

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	20050	QPSK	1	0	1	0	23.17	23.8
			1	49	1	49	23.13	23.8
			1	99	1	99	23.27	23.8
			50	0	50	0	23.33	23.8
			50	24	50	24	23.35	23.8
			50	50	50	50	23.33	23.8
			100	0	100	0	23.41	23.8
18900	20175	QPSK	1	0	1	0	23.30	23.8
			1	49	1	49	23.31	23.8
			1	99	1	99	23.34	23.8
			50	0	50	0	23.36	23.8
			50	24	50	24	23.35	23.8
			50	50	50	50	23.45	23.8
			100	0	100	0	23.39	23.8
19100	20300	QPSK	1	0	1	0	23.16	23.8
			1	49	1	49	23.21	23.8
			1	99	1	99	23.41	23.8
			50	0	50	0	23.27	23.8
			50	24	50	24	23.37	23.8
			50	50	50	50	23.34	23.8
			100	0	100	0	23.25	23.8

PCC:Ant2 SCC:Ant5 — Tune up Power (dBm)

CA_2A-4A

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	20050	QPSK	1	0	1	0	23.38	23.8
			1	49	1	49	23.36	23.8
			1	99	1	99	23.46	23.8
			50	0	50	0	23.34	23.8
			50	24	50	24	23.42	23.8
			50	50	50	50	23.39	23.8
			100	0	100	0	23.41	23.8
18900	20175	QPSK	1	0	1	0	23.44	23.8
			1	49	1	49	23.45	23.8
			1	99	1	99	23.50	23.8
			50	0	50	0	23.42	23.8
			50	24	50	24	23.43	23.8
			50	50	50	50	23.39	23.8
			100	0	100	0	23.42	23.8
19100	20300	QPSK	1	0	1	0	23.38	23.8
			1	49	1	49	23.48	23.8
			1	99	1	99	23.47	23.8
			50	0	50	0	23.30	23.8
			50	24	50	24	23.35	23.8
			50	50	50	50	23.30	23.8
			100	0	100	0	23.44	23.8

PCC:Ant2 SCC:Ant0 — Tune up Power (dBm)

CA_2A-12A

Combination 20MHz+10MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	23060	QPSK	1	0	1	0	23.12	23.8
			1	49	1	25	23.14	23.8
			1	99	1	49	23.13	23.8
			50	0	25	0	23.07	23.8
			50	24	25	12	23.15	23.8
			50	50	25	25	23.05	23.8
			100	0	50	0	23.11	23.8
18900	23095	QPSK	1	0	1	0	23.08	23.8
			1	49	1	25	23.12	23.8
			1	99	1	49	23.15	23.8
			50	0	25	0	23.09	23.8
			50	24	25	12	23.12	23.8
			50	50	25	25	23.19	23.8
			100	0	50	0	23.10	23.8
19100	23130	QPSK	1	0	1	0	23.08	23.8
			1	49	1	25	23.12	23.8
			1	99	1	49	23.12	23.8
			50	0	25	0	22.98	23.8
			50	24	25	12	23.14	23.8
			50	50	25	25	23.21	23.8
			100	0	50	0	23.09	23.8

PCC:Ant2 SCC:Ant1 — Tune up Power (dBm)

CA_2A-12A

Combination 20MHz+10MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	23060	QPSK	1	0	1	0	23.17	23.8
			1	49	1	25	22.99	23.8
			1	99	1	49	22.85	23.8
			50	0	25	0	23.06	23.8
			50	24	25	12	23.00	23.8
			50	50	25	25	23.06	23.8
			100	0	50	0	23.03	23.8
18900	23095	QPSK	1	0	1	0	23.11	23.8
			1	49	1	25	23.05	23.8
			1	99	1	49	22.95	23.8
			50	0	25	0	23.12	23.8
			50	24	25	12	23.06	23.8
			50	50	25	25	23.03	23.8
			100	0	50	0	23.07	23.8
19100	23130	QPSK	1	0	1	0	23.10	23.8
			1	49	1	25	23.02	23.8
			1	99	1	49	22.94	23.8
			50	0	25	0	23.03	23.8
			50	24	25	12	22.98	23.8
			50	50	25	25	22.96	23.8
			100	0	50	0	22.95	23.8

PCC:Ant3 SCC:Ant1 — Tune up Power (dBm)

CA_2A-4A

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	20050	QPSK	1	0	1	0	23.42	23.8
			1	49	1	49	23.29	23.8
			1	99	1	99	23.36	23.8
			50	0	50	0	23.29	23.8
			50	24	50	24	23.31	23.8
			50	50	50	50	23.20	23.8
			100	0	100	0	23.26	23.8
18900	20175	QPSK	1	0	1	0	23.29	23.8
			1	49	1	49	23.26	23.8
			1	99	1	99	23.34	23.8
			50	0	50	0	23.32	23.8
			50	24	50	24	23.30	23.8
			50	50	50	50	23.31	23.8
			100	0	100	0	23.31	23.8
19100	20300	QPSK	1	0	1	0	23.28	23.8
			1	49	1	49	23.20	23.8
			1	99	1	99	23.11	23.8
			50	0	50	0	23.24	23.8
			50	24	50	24	23.13	23.8
			50	50	50	50	23.26	23.8
			100	0	100	0	23.24	23.8

PCC:Ant3 SCC:Ant5 — Tune up Power (dBm)

CA_2A-4A

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	20050	QPSK	1	0	1	0	23.12	23.8
			1	49	1	49	22.93	23.8
			1	99	1	99	22.87	23.8
			50	0	50	0	23.07	23.8
			50	24	50	24	23.01	23.8
			50	50	50	50	23.04	23.8
			100	0	100	0	22.92	23.8
18900	20175	QPSK	1	0	1	0	23.19	23.8
			1	49	1	49	23.03	23.8
			1	99	1	99	22.93	23.8
			50	0	50	0	23.16	23.8
			50	24	50	24	23.09	23.8
			50	50	50	50	23.01	23.8
			100	0	100	0	23.06	23.8
19100	20300	QPSK	1	0	1	0	23.11	23.8
			1	49	1	49	23.05	23.8
			1	99	1	99	22.94	23.8
			50	0	50	0	23.12	23.8
			50	24	50	24	22.99	23.8
			50	50	50	50	23.05	23.8
			100	0	100	0	23.00	23.8

PCC:Ant3 SCC:Ant0 — Tune up Power (dBm)

CA_2A-12A

Combination 20MHz+10MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	23060	QPSK	1	0	1	0	23.17	23.8
			1	49	1	25	22.75	23.8
			1	99	1	49	22.84	23.8
			50	0	25	0	22.85	23.8
			50	24	25	12	22.78	23.8
			50	50	25	25	22.94	23.8
			100	0	50	0	22.90	23.8
18900	23095	QPSK	1	0	1	0	23.08	23.8
			1	49	1	25	22.94	23.8
			1	99	1	49	22.74	23.8
			50	0	25	0	23.02	23.8
			50	24	25	12	22.93	23.8
			50	50	25	25	22.88	23.8
			100	0	50	0	22.91	23.8
19100	23130	QPSK	1	0	1	0	22.93	23.8
			1	49	1	25	22.97	23.8
			1	99	1	49	22.74	23.8
			50	0	25	0	23.09	23.8
			50	24	25	12	22.90	23.8
			50	50	25	25	22.77	23.8
			100	0	50	0	22.94	23.8

PCC:Ant3 SCC:Ant1 — Tune up Power (dBm)

CA_2A-12A

Combination 20MHz+10MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	23060	QPSK	1	0	1	0	23.03	23.8
			1	49	1	25	23.05	23.8
			1	99	1	49	23.16	23.8
			50	0	25	0	23.09	23.8
			50	24	25	12	23.03	23.8
			50	50	25	25	23.20	23.8
			100	0	50	0	23.07	23.8
18900	23095	QPSK	1	0	1	0	23.10	23.8
			1	49	1	25	23.16	23.8
			1	99	1	49	23.06	23.8
			50	0	25	0	23.13	23.8
			50	24	25	12	23.12	23.8
			50	50	25	25	23.16	23.8
			100	0	50	0	23.12	23.8
19100	23130	QPSK	1	0	1	0	22.88	23.8
			1	49	1	25	23.23	23.8
			1	99	1	49	23.10	23.8
			50	0	25	0	22.97	23.8
			50	24	25	12	23.13	23.8
			50	50	25	25	23.01	23.8
			100	0	50	0	22.98	23.8

PCC:Ant2 SCC:Ant0 — Tune up Power (dBm)

CA_2A-5A

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	20450	QPSK	1	0	1	0	22.76	23.8
			1	49	1	25	23.09	23.8
			1	99	1	49	23.23	23.8
			50	0	25	0	22.95	23.8
			50	24	25	12	23.11	23.8
			50	50	25	25	23.18	23.8
			100	0	50	0	23.13	23.8
18900	20525	QPSK	1	0	1	0	22.84	23.8
			1	49	1	25	23.06	23.8
			1	99	1	49	23.27	23.8
			50	0	25	0	23.01	23.8
			50	24	25	12	23.12	23.8
			50	50	25	25	23.17	23.8
			100	0	50	0	23.08	23.8
19100	20600	QPSK	1	0	1	0	22.90	23.8
			1	49	1	25	23.13	23.8
			1	99	1	49	23.43	23.8
			50	0	25	0	22.92	23.8
			50	24	25	12	23.14	23.8
			50	50	25	25	23.24	23.8
			100	0	50	0	23.09	23.8

PCC:Ant2 SCC:Ant1 — Tune up Power (dBm)

CA_2A-5A

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	20450	QPSK	1	0	1	0	23.15	23.8
			1	49	1	25	23.28	23.8
			1	99	1	49	23.46	23.8
			50	0	25	0	23.20	23.8
			50	24	25	12	23.23	23.8
			50	50	25	25	23.46	23.8
			100	0	50	0	23.25	23.8
18900	20525	QPSK	1	0	1	0	23.19	23.8
			1	49	1	25	23.34	23.8
			1	99	1	49	23.46	23.8
			50	0	25	0	23.21	23.8
			50	24	25	12	23.34	23.8
			50	50	25	25	23.41	23.8
			100	0	50	0	23.36	23.8
19100	20600	QPSK	1	0	1	0	23.07	23.8
			1	49	1	25	23.31	23.8
			1	99	1	49	23.42	23.8
			50	0	25	0	23.05	23.8
			50	24	25	12	23.21	23.8
			50	50	25	25	23.38	23.8
			100	0	50	0	23.39	23.8

PCC:Ant2 SCC:Ant0 — Tune up Power (dBm)

CA_2A-13A

Combination 20MHz+10MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	23230	QPSK	1	0	1	0	23.03	23.8
			1	49	1	25	22.68	23.8
			1	99	1	49	22.58	23.8
			50	0	25	0	22.90	23.8
			50	24	25	12	22.81	23.8
			50	50	25	25	22.65	23.8
			100	0	50	0	22.73	23.8
18900	23230	QPSK	1	0	1	0	23.01	23.8
			1	49	1	25	22.85	23.8
			1	99	1	49	22.63	23.8
			50	0	25	0	22.95	23.8
			50	24	25	12	22.83	23.8
			50	50	25	25	22.74	23.8
			100	0	50	0	22.83	23.8
19100	23230	QPSK	1	0	1	0	23.07	23.8
			1	49	1	25	22.70	23.8
			1	99	1	49	22.71	23.8
			50	0	25	0	22.82	23.8
			50	24	25	12	22.68	23.8
			50	50	25	25	22.63	23.8
			100	0	50	0	22.69	23.8

PCC:Ant2 SCC:Ant1 — Tune up Power (dBm)

CA_2A-13A

Combination 20MHz+10MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	23230	QPSK	1	0	1	0	23.20	23.8
			1	49	1	25	23.22	23.8
			1	99	1	49	22.99	23.8
			50	0	25	0	23.22	23.8
			50	24	25	12	23.14	23.8
			50	50	25	25	23.26	23.8
			100	0	50	0	23.13	23.8
18900	23230	QPSK	1	0	1	0	23.26	23.8
			1	49	1	25	23.21	23.8
			1	99	1	49	23.08	23.8
			50	0	25	0	23.26	23.8
			50	24	25	12	23.22	23.8
			50	50	25	25	23.12	23.8
			100	0	50	0	23.21	23.8
19100	23230	QPSK	1	0	1	0	23.18	23.8
			1	49	1	25	23.17	23.8
			1	99	1	49	22.92	23.8
			50	0	25	0	23.32	23.8
			50	24	25	12	23.14	23.8
			50	50	25	25	23.03	23.8
			100	0	50	0	23.12	23.8

PCC:Ant3 SCC:Ant0 — Tune up Power (dBm)

CA_2A-5A

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	20450	QPSK	1	0	1	0	23.06	23.8
			1	49	1	25	23.04	23.8
			1	99	1	49	23.30	23.8
			50	0	25	0	23.16	23.8
			50	24	25	12	23.28	23.8
			50	50	25	25	23.32	23.8
			100	0	50	0	23.10	23.8
18900	20525	QPSK	1	0	1	0	23.10	23.8
			1	49	1	25	23.15	23.8
			1	99	1	49	23.21	23.8
			50	0	25	0	23.21	23.8
			50	24	25	12	23.25	23.8
			50	50	25	25	23.30	23.8
			100	0	50	0	23.24	23.8
19100	20600	QPSK	1	0	1	0	23.10	23.8
			1	49	1	25	23.03	23.8
			1	99	1	49	23.23	23.8
			50	0	25	0	23.18	23.8
			50	24	25	12	23.18	23.8
			50	50	25	25	23.15	23.8
			100	0	50	0	23.23	23.8

PCC:Ant3 SCC:Ant1 — Tune up Power (dBm)

CA_2A-5A

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	20450	QPSK	1	0	1	0	23.45	23.8
			1	49	1	25	23.43	23.8
			1	99	1	49	23.30	23.8
			50	0	25	0	23.43	23.8
			50	24	25	12	23.47	23.8
			50	50	25	25	23.41	23.8
			100	0	50	0	23.43	23.8
18900	20525	QPSK	1	0	1	0	23.50	23.8
			1	49	1	25	23.43	23.8
			1	99	1	49	23.24	23.8
			50	0	25	0	23.44	23.8
			50	24	25	12	23.45	23.8
			50	50	25	25	23.41	23.8
			100	0	50	0	23.42	23.8
19100	20600	QPSK	1	0	1	0	23.45	23.8
			1	49	1	25	23.49	23.8
			1	99	1	49	23.23	23.8
			50	0	25	0	23.46	23.8
			50	24	25	12	23.47	23.8
			50	50	25	25	23.38	23.8
			100	0	50	0	23.44	23.8

PCC:Ant3 SCC:Ant0 — Tune up Power (dBm)

CA_2A-13A

Combination 20MHz+10MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	23230	QPSK	1	0	1	0	23.13	23.8
			1	49	1	25	23.04	23.8
			1	99	1	49	23.16	23.8
			50	0	25	0	23.00	23.8
			50	24	25	12	22.94	23.8
			50	50	25	25	23.08	23.8
			100	0	50	0	23.22	23.8
18900	23230	QPSK	1	0	1	0	23.15	23.8
			1	49	1	25	23.13	23.8
			1	99	1	49	23.16	23.8
			50	0	25	0	23.12	23.8
			50	24	25	12	23.11	23.8
			50	50	25	25	23.16	23.8
			100	0	50	0	23.16	23.8
19100	23230	QPSK	1	0	1	0	23.18	23.8
			1	49	1	25	23.10	23.8
			1	99	1	49	23.08	23.8
			50	0	25	0	23.01	23.8
			50	24	25	12	23.01	23.8
			50	50	25	25	23.06	23.8
			100	0	50	0	23.26	23.8

PCC:Ant3 SCC:Ant1 — Tune up Power (dBm)

CA_2A-13A

Combination 20MHz+10MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Tune up Power (dBm)
18700	23230	QPSK	1	0	1	0	23.11	23.8
			1	49	1	25	23.16	23.8
			1	99	1	49	23.29	23.8
			50	0	25	0	23.16	23.8
			50	24	25	12	23.11	23.8
			50	50	25	25	23.15	23.8
			100	0	50	0	23.28	23.8
18900	23230	QPSK	1	0	1	0	23.09	23.8
			1	49	1	25	23.20	23.8
			1	99	1	49	23.19	23.8
			50	0	25	0	23.20	23.8
			50	24	25	12	23.32	23.8
			50	50	25	25	23.25	23.8
			100	0	50	0	23.32	23.8
19100	23230	QPSK	1	0	1	0	23.06	23.8
			1	49	1	25	23.00	23.8
			1	99	1	49	23.21	23.8
			50	0	25	0	23.13	23.8
			50	24	25	12	23.31	23.8
			50	50	25	25	23.07	23.8
			100	0	50	0	23.29	23.8

PCC:Ant2 SCC:Ant1 — Tune up Power (dBm)

CA_2A-66A								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	132072	QPSK	1	0	1	0	23.17	23.8
			1	49	1	49	23.21	23.8
			1	99	1	99	23.40	23.8
			50	0	50	0	23.38	23.8
			50	24	50	24	23.34	23.8
			50	50	50	50	23.26	23.8
			100	0	100	0	23.26	23.8
18900	132322	QPSK	1	0	1	0	23.32	23.8
			1	49	1	49	23.29	23.8
			1	99	1	99	23.35	23.8
			50	0	50	0	23.35	23.8
			50	24	50	24	23.29	23.8
			50	50	50	50	23.29	23.8
			100	0	100	0	23.29	23.8
19100	132572	QPSK	1	0	1	0	23.25	23.8
			1	49	1	49	23.18	23.8
			1	99	1	99	23.25	23.8
			50	0	50	0	23.24	23.8
			50	24	50	24	23.17	23.8
			50	50	50	50	23.22	23.8
			100	0	100	0	23.21	23.8

PCC:Ant2 SCC:Ant5 — Tune up Power (dBm)

CA_2A-66A								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	132072	QPSK	1	0	1	0	22.99	23.8
			1	49	1	49	23.10	23.8
			1	99	1	99	23.15	23.8
			50	0	50	0	23.03	23.8
			50	24	50	24	23.15	23.8
			50	50	50	50	23.17	23.8
			100	0	100	0	23.19	23.8
18900	132322	QPSK	1	0	1	0	23.11	23.8
			1	49	1	49	23.18	23.8
			1	99	1	99	23.22	23.8
			50	0	50	0	23.12	23.8
			50	24	50	24	23.16	23.8
			50	50	50	50	23.24	23.8
			100	0	100	0	23.10	23.8
19100	132572	QPSK	1	0	1	0	22.90	23.8
			1	49	1	49	23.08	23.8
			1	99	1	99	23.20	23.8
			50	0	50	0	22.88	23.8
			50	24	50	24	22.94	23.8
			50	50	50	50	23.12	23.8
			100	0	100	0	23.26	23.8

PCC:Ant2 SCC:Ant0 — Tune up Power (dBm)

CA_4A-5A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20450	QPSK	1	0	1	0	22.90	23.8
			1	49	1	25	22.97	23.8
			1	99	1	49	23.05	23.8
			50	0	25	0	22.83	23.8
			50	24	25	12	22.89	23.8
			50	50	25	25	22.99	23.8
			100	0	50	0	22.86	23.8
20175	20525	QPSK	1	0	1	0	23.01	23.8
			1	49	1	25	22.98	23.8
			1	99	1	49	23.11	23.8
			50	0	25	0	22.87	23.8
			50	24	25	12	22.96	23.8
			50	50	25	25	23.08	23.8
			100	0	50	0	22.99	23.8
20300	20600	QPSK	1	0	1	0	22.95	23.8
			1	49	1	25	22.97	23.8
			1	99	1	49	23.10	23.8
			50	0	25	0	22.83	23.8
			50	24	25	12	23.03	23.8
			50	50	25	25	23.04	23.8
			100	0	50	0	23.09	23.8

PCC:Ant2 SCC:Ant1 — Tune up Power (dBm)

CA_4A-5A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20450	QPSK	1	0	1	0	23.13	23.8
			1	49	1	25	23.35	23.8
			1	99	1	49	23.09	23.8
			50	0	25	0	23.17	23.8
			50	24	25	12	23.21	23.8
			50	50	25	25	23.19	23.8
			100	0	50	0	23.21	23.8
20175	20525	QPSK	1	0	1	0	23.12	23.8
			1	49	1	25	23.31	23.8
			1	99	1	49	23.22	23.8
			50	0	25	0	23.20	23.8
			50	24	25	12	23.33	23.8
			50	50	25	25	23.25	23.8
			100	0	50	0	23.26	23.8
20300	20600	QPSK	1	0	1	0	22.98	23.8
			1	49	1	25	23.33	23.8
			1	99	1	49	23.17	23.8
			50	0	25	0	23.27	23.8
			50	24	25	12	23.37	23.8
			50	50	25	25	23.10	23.8
			100	0	50	0	23.09	23.8

PCC:Ant3 SCC:Ant1 — Tune up Power (dBm)

CA_2A-66A								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	132072	QPSK	1	0	1	0	23.10	23.8
			1	49	1	49	23.17	23.8
			1	99	1	99	23.22	23.8
			50	0	50	0	22.92	23.8
			50	24	50	24	23.10	23.8
			50	50	50	50	23.16	23.8
			100	0	100	0	23.11	23.8
18900	132322	QPSK	1	0	1	0	23.16	23.8
			1	49	1	49	23.26	23.8
			1	99	1	99	23.27	23.8
			50	0	50	0	23.11	23.8
			50	24	50	24	23.20	23.8
			50	50	50	50	23.28	23.8
			100	0	100	0	23.18	23.8
19100	132572	QPSK	1	0	1	0	23.11	23.8
			1	49	1	49	23.19	23.8
			1	99	1	99	23.23	23.8
			50	0	50	0	22.93	23.8
			50	24	50	24	23.11	23.8
			50	50	50	50	23.23	23.8
			100	0	100	0	23.19	23.8

PCC:Ant3 SCC:Ant5 — Tune up Power (dBm)

CA_2A-66A								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	132072	QPSK	1	0	1	0	23.00	23.8
			1	49	1	49	23.06	23.8
			1	99	1	99	23.29	23.8
			50	0	50	0	23.03	23.8
			50	24	50	24	22.93	23.8
			50	50	50	50	23.21	23.8
			100	0	100	0	23.12	23.8
18900	132322	QPSK	1	0	1	0	23.21	23.8
			1	49	1	49	23.15	23.8
			1	99	1	99	23.22	23.8
			50	0	50	0	23.07	23.8
			50	24	50	24	23.13	23.8
			50	50	50	50	23.23	23.8
			100	0	100	0	23.24	23.8
19100	132572	QPSK	1	0	1	0	23.29	23.8
			1	49	1	49	22.89	23.8
			1	99	1	99	23.16	23.8
			50	0	50	0	23.03	23.8
			50	24	50	24	23.06	23.8
			50	50	50	50	23.30	23.8
			100	0	100	0	23.12	23.8

PCC:Ant3 SCC:Ant0 — Tune up Power (dBm)

CA_4A-5A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20450	QPSK	1	0	1	0	23.15	23.8
			1	49	1	25	23.34	23.8
			1	99	1	49	23.12	23.8
			50	0	25	0	23.16	23.8
			50	24	25	12	23.12	23.8
			50	50	25	25	23.20	23.8
			100	0	50	0	23.34	23.8
20175	20525	QPSK	1	0	1	0	23.24	23.8
			1	49	1	25	23.37	23.8
			1	99	1	49	23.16	23.8
			50	0	25	0	23.27	23.8
			50	24	25	12	23.24	23.8
			50	50	25	25	23.23	23.8
			100	0	50	0	23.28	23.8
20300	20600	QPSK	1	0	1	0	23.12	23.8
			1	49	1	25	23.27	23.8
			1	99	1	49	23.05	23.8
			50	0	25	0	23.23	23.8
			50	24	25	12	23.13	23.8
			50	50	25	25	23.17	23.8
			100	0	50	0	23.22	23.8

PCC:Ant3 SCC:Ant1 — Tune up Power (dBm)

CA_4A-5A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20450	QPSK	1	0	1	0	23.26	23.8
			1	49	1	25	23.24	23.8
			1	99	1	49	23.00	23.8
			50	0	25	0	23.11	23.8
			50	24	25	12	23.19	23.8
			50	50	25	25	23.03	23.8
			100	0	50	0	23.28	23.8
20175	20525	QPSK	1	0	1	0	23.29	23.8
			1	49	1	25	23.19	23.8
			1	99	1	49	23.01	23.8
			50	0	25	0	23.33	23.8
			50	24	25	12	23.23	23.8
			50	50	25	25	23.13	23.8
			100	0	50	0	23.31	23.8
20300	20600	QPSK	1	0	1	0	23.22	23.8
			1	49	1	25	23.03	23.8
			1	99	1	49	22.97	23.8
			50	0	25	0	23.27	23.8
			50	24	25	12	23.26	23.8
			50	50	25	25	23.11	23.8
			100	0	50	0	23.26	23.8

PCC:Ant0 SCC:Ant2 — Tune up Power (dBm)

CA_5A-4A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20050	QPSK	1	0	1	0	22.94	23.8
			1	25	1	49	23.16	23.8
			1	49	1	99	22.94	23.8
			25	0	50	0	23.33	23.8
			25	12	50	24	23.30	23.8
			25	25	50	50	23.25	23.8
			50	0	100	0	23.17	23.8
20525	20175	QPSK	1	0	1	0	22.99	23.8
			1	25	1	49	23.22	23.8
			1	49	1	99	23.09	23.8
			25	0	50	0	23.28	23.8
			25	12	50	24	23.27	23.8
			25	25	50	50	23.18	23.8
			50	0	100	0	23.24	23.8
20600	20300	QPSK	1	0	1	0	22.86	23.8
			1	25	1	49	23.11	23.8
			1	49	1	99	23.08	23.8
			25	0	50	0	23.23	23.8
			25	12	50	24	23.13	23.8
			25	25	50	50	23.23	23.8
			50	0	100	0	23.34	23.8

PCC:Ant1 SCC:Ant2 — Tune up Power (dBm)

CA_5A-4A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20050	QPSK	1	0	1	0	23.10	23.8
			1	25	1	49	23.27	23.8
			1	49	1	99	23.28	23.8
			25	0	50	0	23.13	23.8
			25	12	50	24	23.18	23.8
			25	25	50	50	23.30	23.8
			50	0	100	0	23.22	23.8
20525	20175	QPSK	1	0	1	0	23.09	23.8
			1	25	1	49	23.32	23.8
			1	49	1	99	23.31	23.8
			25	0	50	0	23.12	23.8
			25	12	50	24	23.23	23.8
			25	25	50	50	23.31	23.8
			50	0	100	0	23.26	23.8
20600	20300	QPSK	1	0	1	0	23.09	23.8
			1	25	1	49	23.16	23.8
			1	49	1	99	23.22	23.8
			25	0	50	0	23.12	23.8
			25	12	50	24	23.18	23.8
			25	25	50	50	23.29	23.8
			50	0	100	0	23.15	23.8

PCC:Ant0 SCC:Ant3 — Tune up Power (dBm)

CA_5A-4A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20050	QPSK	1	0	1	0	23.10	23.8
			1	25	1	49	23.27	23.8
			1	49	1	99	23.18	23.8
			25	0	50	0	23.18	23.8
			25	12	50	24	23.24	23.8
			25	25	50	50	23.24	23.8
			50	0	100	0	23.25	23.8
20525	20175	QPSK	1	0	1	0	23.22	23.8
			1	25	1	49	23.21	23.8
			1	49	1	99	23.18	23.8
			25	0	50	0	23.27	23.8
			25	12	50	24	23.25	23.8
			25	25	50	50	23.24	23.8
			50	0	100	0	23.27	23.8
20600	20300	QPSK	1	0	1	0	23.12	23.8
			1	25	1	49	23.23	23.8
			1	49	1	99	23.23	23.8
			25	0	50	0	23.27	23.8
			25	12	50	24	23.12	23.8
			25	25	50	50	23.25	23.8
			50	0	100	0	23.25	23.8

PCC:Ant1 SCC:Ant3 — Tune up Power (dBm)

CA_5A-4A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20050	QPSK	1	0	1	0	23.21	23.8
			1	25	1	49	23.33	23.8
			1	49	1	99	23.35	23.8
			25	0	50	0	23.27	23.8
			25	12	50	24	23.22	23.8
			25	25	50	50	23.15	23.8
			50	0	100	0	23.15	23.8
20525	20175	QPSK	1	0	1	0	23.29	23.8
			1	25	1	49	23.29	23.8
			1	49	1	99	23.21	23.8
			25	0	50	0	23.37	23.8
			25	12	50	24	23.28	23.8
			25	25	50	50	23.21	23.8
			50	0	100	0	23.28	23.8
20600	20300	QPSK	1	0	1	0	23.23	23.8
			1	25	1	49	23.36	23.8
			1	49	1	99	23.23	23.8
			25	0	50	0	23.41	23.8
			25	12	50	24	23.19	23.8
			25	25	50	50	23.10	23.8
			50	0	100	0	23.35	23.8

PCC:Ant2 SCC:Ant0

Tune up Power (dBm)

CA_4A-12A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	23060	QPSK	1	0	1	0	23.17	23.8
			1	49	1	25	23.11	23.8
			1	99	1	49	23.03	23.8
			50	0	25	0	23.14	23.8
			50	24	25	12	23.15	23.8
			50	50	25	25	23.11	23.8
			100	0	50	0	23.25	23.8
20175	23095	QPSK	1	0	1	0	23.32	23.8
			1	49	1	25	23.13	23.8
			1	99	1	49	23.08	23.8
			50	0	25	0	23.22	23.8
			50	24	25	12	23.22	23.8
			50	50	25	25	23.20	23.8
			100	0	50	0	23.20	23.8
20300	23130	QPSK	1	0	1	0	23.35	23.8
			1	49	1	25	23.01	23.8
			1	99	1	49	23.00	23.8
			50	0	25	0	23.20	23.8
			50	24	25	12	23.25	23.8
			50	50	25	25	23.11	23.8
			100	0	50	0	23.25	23.8

PCC:Ant2 SCC:Ant1

Tune up Power (dBm)

CA_4A-12A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	23060	QPSK	1	0	1	0	22.93	23.8
			1	49	1	25	22.77	23.8
			1	99	1	49	22.70	23.8
			50	0	25	0	22.83	23.8
			50	24	25	12	22.73	23.8
			50	50	25	25	22.62	23.8
			100	0	50	0	22.70	23.8
20175	23095	QPSK	1	0	1	0	22.85	23.8
			1	49	1	25	22.73	23.8
			1	99	1	49	22.63	23.8
			50	0	25	0	22.77	23.8
			50	24	25	12	22.77	23.8
			50	50	25	25	22.71	23.8
			100	0	50	0	22.75	23.8
20300	23130	QPSK	1	0	1	0	22.74	23.8
			1	49	1	25	22.69	23.8
			1	99	1	49	22.59	23.8
			50	0	25	0	22.71	23.8
			50	24	25	12	22.82	23.8
			50	50	25	25	22.66	23.8
			100	0	50	0	22.67	23.8

PCC:Ant2 SCC:Ant0

Tune up Power (dBm)

CA_66A-5A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	20450	QPSK	1	0	1	0	22.81	23.8
			1	49	1	25	23.04	23.8
			1	99	1	49	23.09	23.8
			50	0	25	0	22.99	23.8
			50	24	25	12	23.00	23.8
			50	50	25	25	23.03	23.8
			100	0	50	0	23.04	23.8
132322	20525	QPSK	1	0	1	0	22.87	23.8
			1	49	1	25	23.07	23.8
			1	99	1	49	23.16	23.8
			50	0	25	0	22.96	23.8
			50	24	25	12	23.00	23.8
			50	50	25	25	23.12	23.8
			100	0	50	0	23.06	23.8
132572	20600	QPSK	1	0	1	0	22.67	23.8
			1	49	1	25	23.03	23.8
			1	99	1	49	23.14	23.8
			50	0	25	0	22.82	23.8
			50	24	25	12	22.93	23.8
			50	50	25	25	23.02	23.8
			100	0	50	0	23.14	23.8

PCC:Ant2 SCC:Ant1

Tune up Power (dBm)

CA_66A-5A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	20450	QPSK	1	0	1	0	23.37	23.8
			1	49	1	25	23.18	23.8
			1	99	1	49	23.12	23.8
			50	0	25	0	23.25	23.8
			50	24	25	12	23.29	23.8
			50	50	25	25	23.21	23.8
			100	0	50	0	23.33	23.8
132322	20525	QPSK	1	0	1	0	23.39	23.8
			1	49	1	25	23.29	23.8
			1	99	1	49	23.17	23.8
			50	0	25	0	23.36	23.8
			50	24	25	12	23.31	23.8
			50	50	25	25	23.25	23.8
			100	0	50	0	23.32	23.8
132572	20600	QPSK	1	0	1	0	23.24	23.8
			1	49	1	25	23.21	23.8
			1	99	1	49	23.07	23.8
			50	0	25	0	23.43	23.8
			50	24	25	12	23.27	23.8
			50	50	25	25	23.21	23.8
			100	0	50	0	23.17	23.8

PCC:Ant3 SCC:Ant0

Tune up Power (dBm)

CA_4A-12A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	23060	QPSK	1	0	1	0	23.22	23.8
			1	49	1	25	23.19	23.8
			1	99	1	49	23.09	23.8
			50	0	25	0	23.19	23.8
			50	24	25	12	23.33	23.8
			50	50	25	25	23.11	23.8
			100	0	50	0	23.29	23.8
20175	23095	QPSK	1	0	1	0	23.30	23.8
			1	49	1	25	23.25	23.8
			1	99	1	49	23.15	23.8
			50	0	25	0	23.27	23.8
			50	24	25	12	23.29	23.8
			50	50	25	25	23.29	23.8
			100	0	50	0	23.27	23.8
20300	23130	QPSK	1	0	1	0	23.36	23.8
			1	49	1	25	23.20	23.8
			1	99	1	49	23.00	23.8
			50	0	25	0	23.10	23.8
			50	24	25	12	23.28	23.8
			50	50	25	25	23.18	23.8
			100	0	50	0	23.34	23.8

PCC:Ant3 SCC:Ant1

Tune up Power (dBm)

CA_4A-12A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	23060	QPSK	1	0	1	0	23.15	23.8
			1	49	1	25	22.94	23.8
			1	99	1	49	22.86	23.8
			50	0	25	0	23.24	23.8
			50	24	25	12	23.03	23.8
			50	50	25	25	23.00	23.8
			100	0	50	0	23.01	23.8
20175	23095	QPSK	1	0	1	0	23.17	23.8
			1	49	1	25	23.16	23.8
			1	99	1	49	23.06	23.8
			50	0	25	0	23.17	23.8
			50	24	25	12	23.14	23.8
			50	50	25	25	23.13	23.8
			100	0	50	0	23.14	23.8
20300	23130	QPSK	1	0	1	0	23.17	23.8
			1	49	1	25	23.02	23.8
			1	99	1	49	22.94	23.8
			50	0	25	0	23.12	23.8
			50	24	25	12	22.99	23.8
			50	50	25	25	22.98	23.8
			100	0	50	0	23.01	23.8

PCC:Ant3 SCC:Ant0

Tune up Power (dBm)

CA_66A-5A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	20450	QPSK	1	0	1	0	23.34	23.8
			1	49	1	25	23.22	23.8
			1	99	1	49	23.22	23.8
			50	0	25	0	23.26	23.8
			50	24	25	12	23.08	23.8
			50	50	25	25	23.25	23.8
			100	0	50	0	23.13	23.8
132322	20525	QPSK	1	0	1	0	23.36	23.8
			1	49	1	25	23.35	23.8
			1	99	1	49	23.30	23.8
			50	0	25	0	23.25	23.8
			50	24	25	12	23.21	23.8
			50	50	25	25	23.32	23.8
			100	0	50	0	23.20	23.8
132572	20600	QPSK	1	0	1	0	23.31	23.8
			1	49	1	25	23.30	23.8
			1	99	1	49	23.25	23.8
			50	0	25	0	23.15	23.8
			50	24	25	12	23.22	23.8
			50	50	25	25	23.14	23.8
			100	0	50	0	23.15	23.8

PCC:Ant3 SCC:Ant1

Tune up Power (dBm)

CA_66A-5A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	20450	QPSK	1	0	1	0	23.22	23.8
			1	49	1	25	23.19	23.8
			1	99	1	49	23.00	23.8
			50	0	25	0	23.18	23.8
			50	24	25	12	23.11	23.8
			50	50	25	25	23.01	23.8
			100	0	50	0	23.14	23.8
132322	20525	QPSK	1	0	1	0	23.24	23.8
			1	49	1	25	23.19	23.8
			1	99	1	49	23.03	23.8
			50	0	25	0	23.17	23.8
			50	24	25	12	23.20	23.8
			50	50	25	25	23.10	23.8
			100	0	50	0	23.21	23.8
132572	20600	QPSK	1	0	1	0	23.12	23.8
			1	49	1	25	23.07	23.8
			1	99	1	49	23.03	23.8
			50	0	25	0	23.22	23.8
			50	24	25	12	23.13	23.8
			50	50	25	25	23.08	23.8
			100	0	50	0	23.21	23.8

PCC:Ant0 SCC:Ant2

Tune up Power (dBm)

CA_12A-4A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23060	20050	QPSK	1	0	1	0	23.18	23.8
			1	25	1	49	23.03	23.8
			1	49	1	99	22.92	23.8
			25	0	50	0	23.06	23.8
			25	12	50	24	23.13	23.8
			25	25	50	50	22.93	23.8
			50	0	100	0	23.02	23.8
23095	20175	QPSK	1	0	1	0	23.23	23.8
			1	25	1	49	23.07	23.8
			1	49	1	99	22.93	23.8
			25	0	50	0	23.14	23.8
			25	12	50	24	23.15	23.8
			25	25	50	50	23.10	23.8
			50	0	100	0	23.13	23.8
23130	20300	QPSK	1	0	1	0	23.12	23.8
			1	25	1	49	22.98	23.8
			1	49	1	99	22.87	23.8
			25	0	50	0	23.09	23.8
			25	12	50	24	23.08	23.8
			25	25	50	50	22.94	23.8
			50	0	100	0	23.15	23.8

PCC:Ant1 SCC:Ant2

Tune up Power (dBm)

CA_12A-4A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23060	20050	QPSK	1	0	1	0	23.12	23.8
			1	25	1	49	23.17	23.8
			1	49	1	99	23.34	23.8
			25	0	50	0	23.22	23.8
			25	12	50	24	23.22	23.8
			25	25	50	50	23.10	23.8
			50	0	100	0	23.19	23.8
23095	20175	QPSK	1	0	1	0	23.22	23.8
			1	25	1	49	23.24	23.8
			1	49	1	99	23.34	23.8
			25	0	50	0	23.17	23.8
			25	12	50	24	23.28	23.8
			25	25	50	50	23.35	23.8
			50	0	100	0	23.29	23.8
23130	20300	QPSK	1	0	1	0	23.00	23.8
			1	25	1	49	23.09	23.8
			1	49	1	99	23.32	23.8
			25	0	50	0	23.13	23.8
			25	12	50	24	23.08	23.8
			25	25	50	50	23.28	23.8
			50	0	100	0	23.09	23.8

PCC:Ant0 SCC:Ant2

Tune up Power (dBm)

CA_5A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	132072	QPSK	1	0	1	0	22.62	23.8
			1	25	1	49	23.02	23.8
			1	49	1	99	22.95	23.8
			25	0	50	0	22.89	23.8
			25	12	50	24	22.95	23.8
			25	25	50	50	23.02	23.8
			50	0	100	0	23.04	23.8
20525	132322	QPSK	1	0	1	0	22.66	23.8
			1	25	1	49	23.00	23.8
			1	49	1	99	23.17	23.8
			25	0	50	0	22.95	23.8
			25	12	50	24	23.03	23.8
			25	25	50	50	23.06	23.8
			50	0	100	0	23.07	23.8
20600	132572	QPSK	1	0	1	0	22.67	23.8
			1	25	1	49	22.96	23.8
			1	49	1	99	23.16	23.8
			25	0	50	0	22.94	23.8
			25	12	50	24	22.96	23.8
			25	25	50	50	22.94	23.8
			50	0	100	0	22.94	23.8

PCC:Ant1 SCC:Ant2

Tune up Power (dBm)

CA_5A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	132072	QPSK	1	0	1	0	23.23	23.8
			1	25	1	49	22.97	23.8
			1	49	1	99	23.07	23.8
			25	0	50	0	23.23	23.8
			25	12	50	24	23.09	23.8
			25	25	50	50	23.14	23.8
			50	0	100	0	23.06	23.8
20525	132322	QPSK	1	0	1	0	23.32	23.8
			1	25	1	49	23.19	23.8
			1	49	1	99	23.08	23.8
			25	0	50	0	23.22	23.8
			25	12	50	24	23.15	23.8
			25	25	50	50	23.13	23.8
			50	0	100	0	23.19	23.8
20600	132572	QPSK	1	0	1	0	23.34	23.8
			1	25	1	49	23.15	23.8
			1	49	1	99	22.96	23.8
			25	0	50	0	23.17	23.8
			25	12	50	24	23.10	23.8
			25	25	50	50	23.16	23.8
			50	0	100	0	23.27	23.8

PCC:Ant0 SCC:Ant3

Tune up Power (dBm)

CA_12A-4A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23060	20050	QPSK	1	0	1	0	23.26	23.8
			1	25	1	49	23.37	23.8
			1	49	1	99	23.27	23.8
			25	0	50	0	23.33	23.8
			25	12	50	24	23.37	23.8
			25	25	50	50	23.33	23.8
			50	0	100	0	23.26	23.8
23095	20175	QPSK	1	0	1	0	23.27	23.8
			1	25	1	49	23.21	23.8
			1	49	1	99	23.15	23.8
			25	0	50	0	23.23	23.8
			25	12	50	24	23.25	23.8
			25	25	50	50	23.24	23.8
			50	0	100	0	23.24	23.8
23130	20300	QPSK	1	0	1	0	23.24	23.8
			1	25	1	49	23.29	23.8
			1	49	1	99	23.18	23.8
			25	0	50	0	23.35	23.8
			25	12	50	24	23.37	23.8
			25	25	50	50	23.27	23.8
			50	0	100	0	23.29	23.8

PCC:Ant1 SCC:Ant3

Tune up Power (dBm)

CA_12A-4A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23060	20050	QPSK	1	0	1	0	23.24	23.8
			1	25	1	49	23.14	23.8
			1	49	1	99	22.93	23.8
			25	0	50	0	23.16	23.8
			25	12	50	24	23.09	23.8
			25	25	50	50	23.02	23.8
			50	0	100	0	23.19	23.8
23095	20175	QPSK	1	0	1	0	23.24	23.8
			1	25	1	49	23.19	23.8
			1	49	1	99	23.10	23.8
			25	0	50	0	23.19	23.8
			25	12	50	24	23.19	23.8
			25	25	50	50	23.06	23.8
			50	0	100	0	23.22	23.8
23130	20300	QPSK	1	0	1	0	23.21	23.8
			1	25	1	49	23.15	23.8
			1	49	1	99	23.10	23.8
			25	0	50	0	23.06	23.8
			25	12	50	24	23.13	23.8
			25	25	50	50	23.02	23.8
			50	0	100	0	23.08	23.8

PCC:Ant0 SCC:Ant3

Tune up Power (dBm)

CA_5A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	132072	QPSK	1	0	1	0	23.31	23.8
			1	49	1	99	23.25	23.8
			25	0	50	0	23.18	23.8
			25	12	50	24	23.34	23.8
			25	25	50	50	23.27	23.8
			50	0	100	0	23.27	23.8
20525	132322	QPSK	1	0	1	0	23.36	23.8
			1	25	1	49	23.34	23.8
			1	49	1	99	23.18	23.8
			25	0	50	0	23.28	23.8
			25	12	50	24	23.38	23.8
			25	25	50	50	23.25	23.8
			50	0	100	0	23.39	23.8
20600	132572	QPSK	1	0	1	0	23.22	23.8
			1	25	1	49	23.25	23.8
			1	49	1	99	23.00	23.8
			25	0	50	0	23.22	23.8
			25	12	50	24	23.38	23.8
			25	25	50	50	23.20	23.8
			50	0	100	0	23.34	23.8

PCC:Ant1 SCC:Ant3

Tune up Power (dBm)

CA_5A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	132072	QPSK	1	0	1	0	23.19	23.8
			1	25	1	49	22.95	23.8
			1	49	1	99	23.11	23.8
			25	0	50	0	23.29	23.8
			25	12	50	24	23.14	23.8
			25	25	50	50	23.21	23.8
			50	0	100	0	23.13	23.8
20525	132322	QPSK	1	0	1	0	23.21	23.8
			1	25	1	49	23.19	23.8
			1	49	1	99	23.27	23.8
			25	0	50	0	23.17	23.8
			25	12	50	24	23.26	23.8
			25	25	50	50	23.26	23.8
			50	0	100	0	23.25	23.8
20600	132572	QPSK	1	0	1	0	23.11	23.8
			1	25	1	49	23.25	23.8
			1	49	1	99	23.33	23.8
			25	0	50	0	23.06	23.8
			25	12	50	24	23.18	23.8
			25	25	50	50	23.18	23.8
			50	0	100	0	23.14	23.8

PCC:Ant2 SCC:Ant0

Tune up Power (dBm)

CA_66A-12A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	23060	QPSK	1	0	1	0	22.98	23.8
			1	49	1	25	23.08	23.8
			1	99	1	49	23.01	23.8
			50	0	25	0	23.27	23.8
			50	24	25	12	23.13	23.8
			50	50	25	25	23.11	23.8
			100	0	50	0	23.05	23.8
132322	23095	QPSK	1	0	1	0	23.09	23.8
			1	49	1	25	23.14	23.8
			1	99	1	49	23.08	23.8
			50	0	25	0	23.22	23.8
			50	24	25	12	23.14	23.8
			50	50	25	25	23.14	23.8
			100	0	50	0	23.16	23.8
132572	23130	QPSK	1	0	1	0	22.93	23.8
			1	49	1	25	23.19	23.8
			1	99	1	49	23.06	23.8
			50	0	25	0	23.16	23.8
			50	24	25	12	23.07	23.8
			50	50	25	25	23.10	23.8
			100	0	50	0	23.01	23.8

PCC:Ant2 SCC:Ant1

Tune up Power (dBm)

CA_66A-12A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	23060	QPSK	1	0	1	0	23.13	23.8
			1	49	1	25	23.26	23.8
			1	99	1	49	23.17	23.8
			50	0	25	0	22.92	23.8
			50	24	25	12	23.13	23.8
			50	50	25	25	23.16	23.8
			100	0	50	0	23.09	23.8
132322	23095	QPSK	1	0	1	0	23.20	23.8
			1	49	1	25	23.27	23.8
			1	99	1	49	23.32	23.8
			50	0	25	0	23.10	23.8
			50	24	25	12	23.18	23.8
			50	50	25	25	23.32	23.8
			100	0	50	0	23.15	23.8
132572	23130	QPSK	1	0	1	0	23.15	23.8
			1	49	1	25	23.37	23.8
			1	99	1	49	23.30	23.8
			50	0	25	0	23.14	23.8
			50	24	25	12	23.22	23.8
			50	50	25	25	23.18	23.8
			100	0	50	0	23.10	23.8

PCC:Ant2 SCC:Ant0

Tune up Power (dBm)

CA_66A-13A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	23230	QPSK	1	0	1	0	23.14	23.8
			1	49	1	25	23.35	23.8
			1	99	1	49	23.21	23.8
			50	0	25	0	23.32	23.8
			50	24	25	12	23.31	23.8
			50	50	25	25	23.22	23.8
			100	0	50	0	23.26	23.8
132322	23230	QPSK	1	0	1	0	23.25	23.8
			1	49	1	25	23.32	23.8
			1	99	1	49	23.24	23.8
			50	0	25	0	23.36	23.8
			50	24	25	12	23.33	23.8
			50	50	25	25	23.30	23.8
			100	0	50	0	23.34	23.8
132572	23230	QPSK	1	0	1	0	23.03	23.8
			1	49	1	25	23.26	23.8
			1	99	1	49	23.23	23.8
			50	0	25	0	23.27	23.8
			50	24	25	12	23.35	23.8
			50	50	25	25	23.16	23.8
			100	0	50	0	23.27	23.8

PCC:Ant2 SCC:Ant1

Tune up Power (dBm)

CA_66A-13A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	23230	QPSK	1	0	1	0	23.43	23.8
			1	49	1	25	23.20	23.8
			1	99	1	49	23.23	23.8
			50	0	25	0	23.30	23.8
			50	24	25	12	23.08	23.8
			50	50	25	25	23.30	23.8
			100	0	50	0	23.15	23.8
132322	23230	QPSK	1	0	1	0	23.29	23.8
			1	49	1	25	23.29	23.8
			1	99	1	49	23.14	23.8
			50	0	25	0	23.29	23.8
			50	24	25	12	23.25	23.8
			50	50	25	25	23.27	23.8
			100	0	50	0	23.24	23.8
132572	23230	QPSK	1	0	1	0	23.25	23.8
			1	49	1	25	23.28	23.8
			1	99	1	49	23.05	23.8
			50	0	25	0	23.17	23.8
			50	24	25	12	23.20	23.8
			50	50	25	25	23.33	23.8
			100	0	50	0	23.18	23.8

PCC:Ant3 SCC:Ant0

Tune up Power (dBm)

CA_66A-12A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	23060	QPSK	1	0	1	0	23.13	23.8
			1	49	1	25	23.00	23.8
			1	99	1	49	23.00	23.8
			50	0	25	0	23.02	23.8
			50	24	25	12	22.94	23.8
			50	50	25	25	23.06	23.8
			100	0	50	0	22.89	23.8
132322	23095	QPSK	1	0	1	0	23.17	23.8
			1	49	1	25	23.03	23.8
			1	99	1	49	22.98	23.8
			50	0	25	0	23.02	23.8
			50	24	25	12	23.01	23.8
			50	50	25	25	23.06	23.8
			100	0	50	0	22.98	23.8
132572	23130	QPSK	1	0	1	0	23.12	23.8
			1	49	1	25	23.17	23.8
			1	99	1	49	22.75	23.8
			50	0	25	0	22.94	23.8
			50	24	25	12	22.93	23.8
			50	50	25	25	22.96	23.8
			100	0	50	0	22.96	23.8

PCC:Ant3 SCC:Ant1

Tune up Power (dBm)

CA_66A-12A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	23060	QPSK	1	0	1	0	23.19	23.8
			1	49	1	25	23.06	23.8
			1	99	1	49	23.21	23.8
			50	0	25	0	23.15	23.8
			50	24	25	12	22.99	23.8
			50	50	25	25	23.15	23.8
			100	0	50	0	23.11	23.8
132322	23095	QPSK	1	0	1	0	23.12	23.8
			1	49	1	25	23.17	23.8
			1	99	1	49	23.15	23.8
			50	0	25	0	23.10	23.8
			50	24	25	12	23.16	23.8
			50	50	25	25	23.11	23.8
			100	0	50	0	23.13	23.8
132572	23130	QPSK	1	0	1	0	23.16	23.8
			1	49	1	25	23.12	23.8
			1	99	1	49	23.16	23.8
			50	0	25	0	23.13	23.8
			50	24	25	12	23.17	23.8
			50	50	25	25	23.10	23.8
			100	0	50	0	23.04	23.8

PCC:Ant3 SCC:Ant0

Tune up Power (dBm)

CA_66A-13A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	23230	QPSK	1	0	1	0	22.95	23.8
			1	49	1	25	23.12	23.8
			1	99	1	49	23.12	23.8
			50	0	25	0	23.10	23.8
			50	24	25	12	23.10	23.8
			50	50	25	25	23.18	23.8
			100	0	50	0	23.11	23.8
132322	23230	QPSK	1	0	1	0	23.04	23.8
			1	49	1	25	23.08	23.8
			1	99	1	49	23.21	23.8
			50	0	25	0	23.06	23.8
			50	24	25	12	23.07	23.8
			50	50	25	25	23.18	23.8
			100	0	50	0	23.12	23.8
132572	23230	QPSK	1	0	1	0	22.92	23.8
			1	49	1	25	23.02	23.8
			1	99	1	49	23.16	23.8
			50	0	25	0	23.04	23.8
			50	24	25	12	23.09	23.8
			50	50	25	25	23.21	23.8
			100	0	50	0	23.15	23.8

PCC:Ant3 SCC:Ant1

Tune up Power (dBm)

CA_66A-13A								
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	23230	QPSK	1	0	1	0	22.99	23.8
			1	49	1	25	23.16	23.8
			1	99	1	49	23.16	23.8
			50	0	25	0	23.16	23.8
			50	24	25	12	23.04	23.8
			50	50	25	25	23.14	23.8
			100	0	50	0	23.24	23.8
132322	23230	QPSK	1	0	1	0	23.09	23.8
			1	49	1	25	23.23	23.8
			1	99	1	49	23.24	23.8
			50	0	25	0	23.28	23.8
			50	24	25	12	23.21	23.8
			50	50	25	25	23.20	23.8
			100	0	50	0	23.10	23.8
132572	23230	QPSK	1	0	1	0	22.99	23.8
			1	49	1	25	23.32	23.8
			1	99	1	49	23.13	23.8
			50	0	25	0	23.24	23.8
			50	24	25	12	23.15	23.8
			50	50	25	25	23.02	23.8
			100	0	50	0	23.26	23.8

PCC:Ant0 SCC:Ant2

Tune up Power (dBm)

CA_12A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23060	132072	QPSK	1	0	1	0	23.12	23.8
			1	25	1	49	23.20	23.8
			1	49	1	99	23.02	23.8
			25	0	50	0	23.10	23.8
			25	12	50	24	23.19	23.8
			25	25	50	50	23.13	23.8
			50	0	100	0	22.96	23.8
23095	132322	QPSK	1	0	1	0	23.19	23.8
			1	25	1	49	23.15	23.8
			1	49	1	99	23.04	23.8
			25	0	50	0	23.19	23.8
			25	12	50	24	23.18	23.8
			25	25	50	50	23.12	23.8
			50	0	100	0	23.10	23.8
23130	132572	QPSK	1	0	1	0	23.10	23.8
			1	25	1	49	23.10	23.8
			1	49	1	99	23.11	23.8
			25	0	50	0	23.16	23.8
			25	12	50	24	23.05	23.8
			25	25	50	50	23.14	23.8
			50	0	100	0	23.12	23.8

PCC:Ant1 SCC:Ant2

Tune up Power (dBm)

CA_12A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23060	132072	QPSK	1	0	1	0	22.89	23.8
			1	25	1	49	23.08	23.8
			1	49	1	99	23.24	23.8
			25	0	50	0	22.91	23.8
			25	12	50	24	23.08	23.8
			25	25	50	50	23.04	23.8
			50	0	100	0	23.12	23.8
23095	132322	QPSK	1	0	1	0	22.95	23.8
			1	25	1	49	23.14	23.8
			1	49	1	99	23.26	23.8
			25	0	50	0	23.05	23.8
			25	12	50	24	23.13	23.8
			25	25	50	50	23.22	23.8
			50	0	100	0	23.11	23.8
23130	132572	QPSK	1	0	1	0	22.79	23.8
			1	25	1	49	23.12	23.8
			1	49	1	99	23.30	23.8
			25	0	50	0	23.03	23.8
			25	12	50	24	23.02	23.8
			25	25	50	50	23.25	23.8
			50	0	100	0	23.08	23.8

PCC:Ant0 SCC:Ant2

Tune up Power (dBm)

CA_13A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23230	132072	QPSK	1	0	1	0	23.29	23.8
			1	25	1	49	23.19	23.8
			1	49	1	99	23.26	23.8
			25	0	50	0	23.32	23.8
			25	12	50	24	23.20	23.8
			25	25	50	50	23.40	23.8
			50	0	100	0	23.26	23.8
23230	132322	QPSK	1	0	1	0	23.34	23.8
			1	25	1	49	23.30	23.8
			1	49	1	99	23.31	23.8
			25	0	50	0	23.35	23.8
			25	12	50	24	23.28	23.8
			25	25	50	50	23.39	23.8
			50	0	100	0	23.27	23.8
23230	132572	QPSK	1	0	1	0	23.32	23.8
			1	25	1	49	23.31	23.8
			1	49	1	99	23.23	23.8
			25	0	50	0	23.45	23.8
			25	12	50	24	23.22	23.8
			25	25	50	50	23.38	23.8
			50	0	100	0	23.06	23.8

PCC:Ant1 SCC:Ant2

Tune up Power (dBm)

CA_13A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23230	132072	QPSK	1	0	1	0	23.18	23.8
			1	25	1	49	23.20	23.8
			1	49	1	99	23.06	23.8
			25	0	50	0	23.27	23.8
			25	12	50	24	23.31	23.8
			25	25	50	50	23.12	23.8
			50	0	100	0	23.12	23.8
23230	132322	QPSK	1	0	1	0	23.24	23.8
			1	25	1	49	23.36	23.8
			1	49	1	99	23.19	23.8
			25	0	50	0	23.31	23.8
			25	12	50	24	23.31	23.8
			25	25	50	50	23.26	23.8
			50	0	100	0	23.33	23.8
23230	132572	QPSK	1	0	1	0	23.33	23.8
			1	25	1	49	23.33	23.8
			1	49	1	99	23.17	23.8
			25	0	50	0	23.33	23.8
			25	12	50	24	23.23	23.8
			25	25	50	50	23.17	23.8
			50	0	100	0	23.24	23.8

PCC:Ant0 SCC:Ant3

Tune up Power (dBm)

CA_12A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23060	132072	QPSK	1	0	1	0	23.16	23.8
			1	25	1	49	23.01	23.8
			1	49	1	99	22.96	23.8
			25	0	50	0	23.15	23.8
			25	12	50	24	23.06	23.8
			25	25	50	50	23.00	23.8
			50	0	100	0	23.10	23.8
23095	132322	QPSK	1	0	1	0	23.15	23.8
			1	25	1	49	23.12	23.8
			1	49	1	99	23.11	23.8
			25	0	50	0	23.12	23.8
			25	12	50	24	23.12	23.8
			25	25	50	50	23.16	23.8
			50	0	100	0	23.12	23.8
23130	132572	QPSK	1	0	1	0	23.06	23.8
			1	25	1	49	23.06	23.8
			1	49	1	99	23.07	23.8
			25	0	50	0	23.16	23.8
			25	12	50	24	23.02	23.8
			25	25	50	50	23.26	23.8
			50	0	100	0	23.20	23.8

PCC:Ant1 SCC:Ant3

Tune up Power (dBm)

CA_12A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23060	132072	QPSK	1	0	1	0	23.01	23.8
			1	25	1	49	23.18	23.8
			1	49	1	99	23.19	23.8
			25	0	50	0	23.18	23.8
			25	12	50	24	23.08	23.8
			25	25	50	50	23.09	23.8
			50	0	100	0	23.20	23.8
23095	132322	QPSK	1	0	1	0	23.07	23.8
			1	25	1	49	23.18	23.8
			1	49	1	99	23.13	23.8
			25	0	50	0	23.10	23.8
			25	12	50	24	23.11	23.8
			25	25	50	50	23.09	23.8
			50	0	100	0	23.13	23.8
23130	132572	QPSK	1	0	1	0	23.05	23.8
			1	25	1	49	23.19	23.8
			1	49	1	99	23.16	23.8
			25	0	50	0	23.12	23.8
			25	12	50	24	23.03	23.8
			25	25	50	50	23.16	23.8
			50	0	100	0	23.19	23.8

PCC:Ant0 SCC:Ant3

Tune up Power (dBm)

CA_13A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23230	132072	QPSK	1	0	1	0	23.13	23.8
			1	25	1	49	23.13	23.8
			1	49	1	99	23.19	23.8
			25	0	50	0	23.02	23.8
			25	12	50	24	23.26	23.8
			25	25	50	50	23.07	23.8
			50	0	100	0	23.10	23.8
23230	132322	QPSK	1	0	1	0	23.19	23.8
			1	25	1	49	23.16	23.8
			1	49	1	99	23.16	23.8
			25	0	50	0	23.19	23.8
			25	12	50	24	23.18	23.8
			25	25	50	50	23.16	23.8
			50	0	100	0	23.18	23.8
23230	132572	QPSK	1	0	1	0	23.17	23.8
			1	25	1	49	23.06	23.8
			1	49	1	99	23.23	23.8
			25	0	50	0	23.06	23.8
			25	12	50	24	22.99	23.8
			25	25	50	50	23.08	23.8
			50	0	100	0	23.00	23.8

PCC:Ant1 SCC:Ant3

Tune up Power (dBm)

CA_13A-66A								
Combination 10MHz+20MHz (50RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
23230	132072	QPSK	1	0	1	0	22.92	23.8
			1	25	1	49	23.11	23.8
			1	49	1	99	23.15	23.8
			25	0	50	0	22.93	23.8
			25	12	50	24	23.22	23.8
			25	25	50	50	23.29	23.8
			50	0	100	0	22.97	23.8
23230	132322	QPSK	1	0	1	0	22.89	23.8
			1	25	1	49	22.94	23.8
			1	49	1	99	23.04	23.8
			25	0	50	0	22.93	23.8
			25	12	50	24	23.00	23.8
			25	25	50	50	23.09	23.8
			50	0	100	0	22.95	23.8
23230	132572	QPSK	1	0	1	0	22.98	23.8
			1	25	1	49	23.11	23.8
			1	49	1	99	23.26	23.8
			25	0	50	0	22.96	23.8
			25	12	50	24	23.10	23.8
			25	25	50	50	23.16	23.8
			50	0	100	0	23.09	23.8

Downlink CA Power

2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
		CA_7A-46A	7	20	2535	21100	QPSK	1	0	46	20	5540	50690	22.85	22.94
		CA_2A-17A	2	10	1880	18900	QPSK	1	0	17	10	740	5790	24.01	24.10
		CA_4A-17A	4	10	1732.5	20175	QPSK	1	0	17	10	740	5790	24.11	24.13
		CA_12A-25A	12	10	707.5	23095	QPSK	1	0	25	20	1962.5	8365	22.52	22.54
		CA_25A-46A	25	20	1880	26340	QPSK	1	0	46	20	5540	50690	23.75	23.77
		CA_25A-41A	25	20	1880	26340	QPSK	1	0	41	20	2593	40620	23.90	23.93
		CA_4A-48A	4	20	1732.5	20175	QPSK	1	0	48	20	3690	56640	24.10	24.14
		CA_48B	48	15	3607.5	55815	QPSK	1	0	48	5	3617.4	55914	23.65	23.78
		CA_41A-46A	41	20	2549.5	40185	QPSK	1	0	46	20	5540	50690	25.61	25.64
Intra-Band	Non-Contiguous	CA_41A-41A	41	20	2549.5	40185	QPSK	1	0	41	5	2687.5	41565	25.62	25.64
Intra-Band	Contiguous	CA_7C	7	20	2535	21100	QPSK	1	0	7	20	2674.80	3298	22.87	22.94
		CA_38C	38	20	2580	37850	QPSK	1	0	38	20	2599.80	38048	23.24	23.29

3CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
		CA_12A-46C	12	10	707.5	23095	QPSK	1	0	46	20	5540.2	50692	46	20	5560	50890	24.18	24.25
		CA_13A-46A-66A	13	10	782	23230	QPSK	1	0	46	20	5540	50690	66	20	2155	66886	24.12	24.18
		CA_25A-25A-26A	25	20	1880	26340	QPSK	1	0	25	5	1932.5	8065	26	5	876.5	8865	23.95	24.05
		CA_25A-41C	25	20	1880	26340	QPSK	1	0	41	20	2590.5	40595	41	5	2602.2	40712	24.01	24.05
		CA_25A-46C	25	20	1880	26340	QPSK	1	0	46	20	5540.2	50692	46	20	5560	50890	24.02	24.05
		CA_2A-13A-46A	2	20	1880	18900	QPSK	1	0	13	10	751	5230	46	20	5540	50690	24.09	24.13
		CA_2A-4A-13A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	13	10	751	5230	24.08	24.13
		CA_2A-4A-7A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	7	20	2655	3100	24.04	24.13
		CA_2A-5A-46A	2	20	1900	19100	QPSK	1	0	5	10	881.5	2525	46	20	5905	54340	24.02	24.10
		CA_2A-7A-7A	2	20	1900	19100	QPSK	1	0	7	20	2655	3100	7	5	2687.5	3425	23.94	24.10
Inter-Band		CA_41A-46C	41	20	2549.5	40185	QPSK	1	0	46	20	5517.7	50467	46	20	5537.5	50665	23.89	24.00
		CA_4A-46A-46A	4	20	1732.5	20175	QPSK	1	0	46	20	5160	46890	46	20	5905	54340	24.40	24.45
		CA_4A-48C	4	20	1732.5	20175	QPSK	1	0	48	20	3625	55990	48	20	3644.5	56188	24.37	24.45
		CA_4A-4A-13A	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	13	10	751	5230	24.44	24.45
		CA_4A-4A-71A	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	71	20	634.5	68786	24.41	24.45
		CA_4A-4A-7A	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	7	20	2655	3100	24.39	24.45
		CA_4A-7A-12A	4	20	1732.5	20175	QPSK	1	0	7	20	2655	3100	12	10	737.5	5095	24.36	24.45
		CA_4A-7A-7A	4	20	1732.5	20175	QPSK	1	0	7	20	2655	3100	7	5	2687.5	3425	24.33	24.45
		CA_5A-7A-7A	5	10	829	20450	QPSK	1	0	7	20	2630	2850	7	20	2680	3350	23.66	23.68
		CA_5B-46A	5	10	829	20450	QPSK	1	0	5	5	881.2	2522	46	20	5540	50690	23.63	23.68
		CA_5A-46A-66A	5	10	829	20450	QPSK	1	0	46	20	5540	50690	66	20	2155	66886	23.61	23.68
		CA_7A-46C	7	20	2535	21100	QPSK	1	0	46	20	5517.7	50467	46	20	5537.5	50665	23.00	23.02
Intra-Band	Non-Contiguous	CA_66A-66C	66	20	1745	132322	QPSK	1	0	66	20	2170.2	67038	66	20	2190	67236	24.00	24.10
		CA_41A-41C	41	20	2549.5	40185	QPSK	1	0	41	20	2690.2	41292	41	20	2680	41490	24.00	24.01

4CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
		CA_12A-30A-66A-66A	12	10	707.5	23095	QPSK	1	0	30	10	2355	9820	66	20	2155	66886	66	5	2197.5	67311	23.52	23.54
		CA_13A-46C-66A	13	10	782	23230	QPSK	1	0	46	20	5540.2	50692	46	20	5560	50890	66	20	2155	66886	23.44	23.46
		CA_13A-48A-66B	13	10	782	23230	QPSK	1	0	48	20	3690	56640	66	10	2150.1	66837	66	10	2160	66936	23.42	23.46
		CA_13A-48A-66C	13	10	782	23230	QPSK	1	0	48	20	3690	56640	66	20	2152.5	66861	66	5	2164.2	66978	23.43	23.46
		CA_25A-41D	25	20	1880	26340	QPSK	1	0	41	20	2593	40620	41	20	2612.8	40818	41	20	2632.6	41016	23.92	23.95
		CA_25A-46D	25	20	1880	26340	QPSK	1	0	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.90	23.95
		CA_2A-12A-30A-66A	2	20	1880	18900	QPSK	1	0	12	10	737.5	5095	30	10	2355	9820	66	20	2155	66886	24.18	24.20
		CA_2A-12A-66A-66A	2	20	1880	18900	QPSK	1	0	12	10	737.5	5095	66	20	2155	66886	66	5	2197.5	67311	24.19	24.20
		CA_2A-12A-66C	2	20	1880	18900	QPSK	1	0	12	10	737.5	5095	66	20	2155	66886	66	20	2174.8	67084	24.14	24.20
		CA_2A-13A-46C	2	20	1880	18900	QPSK	1	0	13	10	751	5230	46	20	5540.2	50692	46	20	5560	50890	24.15	24.20
		CA_2A-13A-66C	2	20	1880	18900	QPSK	1	0	13	10	751	5230	66	20	2155	66886	66	20	2174.8	67084	24.02	24.20
		CA_2A-2A-12A-30A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	12	10	737.5	5095	30	10	2355	9820	24.16	24.20
		CA_2A-2A-12A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	12	10	737.5	5095	66	20	2155	66886	24.13	24.20
		CA_2A-2A-30A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	30	10	2355	9820	66	20	2155	66886	24.07	24.20
		CA_2A-2A-46C	2	20	1880	18900	QPSK	1	0	2	5	1932.5	625	66	15	2155	66886	66	5	2164.3	66979	24.09	24.20
		CA_2A-2A-4A-12A	2	20	1880	18900	QPSK	1	0	2	5	1932.5	625	4	20	2132.5	2175	12	10	737.5	5095	24.01	24.20
		CA_2A-2A-4A-4A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	4	5	2152.5	2375	24.11	24.20
		CA_2A-2A-4A-5A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	5	10	881.5	2525	24.00	24.20
		CA_2A-2A-4A-71A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	71	20	634.5	68786	24.02	24.20
		CA_2A-2A-5A-30A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	30	10	2355	9820	24.05	24.20
		CA_2A-2A-66A-71A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	66	20	2155	66886	71	20	634.5	68786	24.01	24.20
		CA_2A-30A-66A-66A	2	20	1880	18900	QPSK	1	0	30	10	2355	9820	66	20	2155	66886	66	5	2197.5	67311	24.05	24.20
		CA_2A-46A-46A-66A	2	20	1880	18900	QPSK	1	0	46	20	5160	46890	46	20	5905	54340	66	20	2155	66886	24.16	24.20
		CA_2A-46A-48A-66A	2	20	1880	18900	QPSK	1	0	46	20	5160	46890	48	20	3625	55990	66	20	2155	66886	24.12	24.20
		CA_2A-4A-4A-12A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	4	5	2152.5	2375	12	10	737.5	5095	24.09	24.20
		CA_2A-4A-4A-5A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	4	5	2152.5	2375	5	10	881.5	2525	23.94	24.02
		CA_2A-4A-5B	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	5	10	884	2550	5	5	891.2	2622	24.01	24.02
		CA_2A-5A-30A-66A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	30	10	2355	9820	66	20	2155	66886	24.01	24.02
		CA_2A-5A-46C	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	46	20	5540.2	50692	46	20	5560	50890	24.00	24.02
		CA_2A-5A-48A-66A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3625	55990	66	20	2155	66886	24.00	24.02
		CA_2A-66A-66A-66A	2	20	1880	18900	QPSK	1	0	66	20	2145	66786	66	20	2120	66536	66	20	2190	67236	24.00	24.02
		CA_2A-66A-66A-71A	2	20	1880	18900	QPSK	1	0	66	20	2155	66886	66	5	2197.5	67311	71	20	634.5	68786	23.96	24.02
		CA_2A-66C-71A	2	20	1880	18900	QPSK	1	0	66	20	2155	66886	66	20	2174.8	67084	71	20	637	68786	24.00	24.02
		CA_2C-66A-66A	2	20	1870.1	18801	QPSK	1	0	2	20	1969.9	999	66	20	2120	66536	66	20	2190	67236	24.00	24.02
		CA_48A-48A-66A-66A	48	20	3560	55340	QPSK	1	0	48	5	3697.5	56715	66	20	2120	66536	66	20	2190	67236	23.90	23.91
		CA_48A-48A-66B	48	20	3560	55340	QPSK	1	0	48	5	3697.5	56715	66	10	2150.1	66837	66	10	2160	66936	23.87	23.91
		CA_48A-48A-66C	48	20	3560	55340	QPSK	1	0	48	5	3697.5	56715	66	20	2170.2	67038	66	20	2190	67236	23.88	23.91
		CA_48C-66A-66A	48	20	3560	55340	QPSK	1	0	48	20	3579.8	55538	66	20	2120	66536	66	20	2190	67236	23.57	23.65
		CA_4A-46A-46C	4	20	1732.5	20175	QPSK	1	0	46	20	5160	46890	46	20	5540.2	50692	46	20	5560	50890	24.17	24.22
		CA_4A-48D	4	20	1732.5	20175	QPSK	1	0	48	20	3609	55830	48	20	3628.8	56028	48	20	3648.6	56226	24.14	24.22
		CA_4A-4A-5B	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	5	10	884	2550	5	5	891.2	2622	24.15	24.22
		CA_5A-30A-66A-66A	5	10	829	20450	QPSK	1	0	30	10	2355	9820	66	20	2155	66886	66	5	2197.5	67311	23.51	23.55
		CA_5A-46C-66A	5	10	829	20450	QPSK	1	0	46	20	5540.2	50692	46	20	5560	50890	66	20	2155	66886	23.48	23.55
		CA_5A-5A-66A-66A	5	10	829	20450	QPSK	1	0	5	10	889	2600	66	20	2155	66886	66	5	2197.5	67311	23.47	23.55
		CA_5A-5A-66B	5	10	829	20450	QPSK	1	0	5	10	889	2600	66	10	2150.1	66837	66	10	2160	66936	23.43	23.55
		CA_5A-5A-66C	5	10	829	20450	QPSK	1	0	5	10	889	2600	66	20	2155	66886	66	20	2174.8	67084	23.45	23.55
		CA_5B-46C	5	10	829	20450	QPSK	1	0	5	10	883.9	2549	46	20	5540.2	50692	46	20	5560	50890	23.47	23.55
Intra-Band	Non-Contiguous	CA_41A-41D	41	20	2549.5	40185	QPSK	1	0	41	20	2462.2	41094	41	20	2660.2	41292	41	20	2680	41490	23.70	23.73
		CA_41C-41C	41	20	2549.5	40185	QPSK	1	0	41	20	2569.3	40383	41	20	2660.2	41292	41	20	2680	41490	23.70	23.73
	Contiguous	CA_41E	41	20	2549.5	40185	QPSK	1	0	41	20	2569.3	40383	41	20	2589.1	40581	41	20	2608.9	40779	23.71	23.73

5CC

Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				SCC4				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	CA_12A-46E	12	10	707.5	23095	QPSK	1	0	46	20	5517.7	50467	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5571.1	51061	23.51	23.54
Inter-Band	CA_13A-48A-48C-66A	13	10	782	23230	QPSK	1	0	48	20	3625	55990	48	20	3660	56340	48	20	3679.8	56538	66	20	2155	66886	23.42	23.46
Inter-Band	CA_13A-48A-48D	13	10	782	23230	QPSK	1	0	48	20	3625	55990	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.41	23.46
Inter-Band	CA_13A-48C-48C	13	10	782	23230	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3615.1	55891	48	20	3634.9	56089	23.41	23.46
Inter-Band	CA_13A-48D-66A	13	10	782	23230	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	66	20	2155	66886	23.44	23.46
Inter-Band	CA_2A-13A-48A-48A-66A	2	20	1900	19100	QPSK	1	0	13	10	751	5230	48	20	3560	55340	48	20	3690	56640	66	20	2155	66886	23.89	24.02
Inter-Band	CA_2A-13A-48A-48C	2	20	1900	19100	QPSK	1	0	13	10	751	5230	48	20	3625	55990	48	20	3660	56340	48	20	3679.8	56538	23.90	24.02
Inter-Band	CA_2A-13A-48C-66A	2	20	1900	19100	QPSK	1	0	13	10	751	5230	48	20	3660	56340	48	20	3679.8	56538	66	20	2155	66886	23.92	24.02
Inter-Band	CA_2A-13A-48D	2	20	1900	19100	QPSK	1	0	13	10	751	5230	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.94	24.02
Inter-Band	CA_2A-13A-66A-66B	2	20	1900	19100	QPSK	1	0	13	10	751	5230	66	5	2112.5	66461	66	10	2150.1	66837	66	10	2160	66936	24.01	24.02
Inter-Band	CA_2A-2A-13A-66A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	13	10	751	5230	66	20	2155	66886	66	5	2197.5	67311	23.92	24.07
Inter-Band	CA_2A-2A-13A-66B	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	13	10	751	5230	66	10	2150.1	66837	66	10	2160	66936	23.91	24.07
Inter-Band	CA_2A-2A-46D	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	24.00	24.07
Inter-Band	CA_2A-2A-5A-66A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	20	2155	66886	66	5	2197.5	67311	23.94	24.07
Inter-Band	CA_2A-2A-5A-66C	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	20	2155	66886	66	20	2174.8	67084	23.93	24.07
Inter-Band	CA_2A-46A-46C-66A	2	20	1880	18900	QPSK	1	0	66	20	2155	66886	46	20	5905	54340	46	20	5160	46890	46	20	5179.8	47088	23.98	24.07
Inter-Band	CA_2A-46A-46D	2	20	1880	18900	QPSK	1	0	46	20	5537.5	50665	46	20	5160	46890	46	20	5179.8	47088	46	20	5199.5	47286	23.98	24.07
Inter-Band	CA_2A-46A-48C-66A	2	20	1880	18900	QPSK	1	0	46	20	5537.5	50665	48	20	3560	55340	48	20	3579.8	55538	66	20	2155	66886	23.84	24.07
Inter-Band	CA_2A-46C-48A-66A	2	20	1880	18900	QPSK	1	0	66	20	2145	66786	48	20	3625	55990	46	20	5160	46890	46	20	5179.8	47088	24.06	24.07
Inter-Band	CA_2A-48A-48C-66A	2	20	1880	18900	QPSK	1	0	48	20	3625	55990	48	20	3560	55340	48	20	3579.8	55538	66	20	2155	66886	24.02	24.07
Inter-Band	CA_2A-48A-48D	2	20	1880	18900	QPSK	1	0	48	20	3625	55990	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	24.03	24.07
Inter-Band	CA_2A-48C-48C	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3670.2	56442	48	20	3690	56640	24.06	24.07
Inter-Band	CA_2A-48D-66A	2	20	1880	18900	QPSK	1	0	66	20	2155	66886	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	24.03	24.07
Inter-Band	CA_2A-5A-48C-66A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3560	55340	48	20	3579.8	55538	66	20	2155	66886	24.05	24.07
Inter-Band	CA_2A-5A-48D	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	24.07	24.07
Inter-Band	CA_2A-5B-66A-66A	2	20	1880	18900	QPSK	1	0	5	10	874	2450	5	10	883.9	2549	66	20	2120	66536	66	20	2190	67236	24.02	24.07
Inter-Band	CA_2A-5B-66B	2	20	1880	18900	QPSK	1	0	5	10	874	2450	5	10	883.9	2549	66	10	2150.1	66837	66	10	2160	66936	24.02	24.07
Inter-Band	CA_2A-5B-66C	2	20	1880	18900	QPSK	1	0	5	10	874	2450	5	10	883.9	2549	66	20	2155	66886	66	20	2174.8	67084	24.01	24.07
Inter-Band	CA_46A-46D-66A	66	20	1745	132322	QPSK	1	0	46	20	5160	46890	46	20	5520.2	50492	46	20	5540	50690	46	20	5559.8	50888	24.08	24.10
Inter-Band	CA_48A-48C-66B	48	20	3619.4	55934	QPSK	1	0	48	20	3579.8	55538	48	20	3560	55340	66	10	2150.1	66837	66	10	2160	66936	23.60	23.65
Inter-Band	CA_48A-48C-66C	48	20	3560	55340	QPSK	1	0	48	20	3670.2	56442	48	20	3690	56640	66	20	2145.1	66787	66	20	2164.9	66985	23.62	23.65
Inter-Band	CA_48A-48D-66A	48	20	3560	55340	QPSK	1	0	66	20	2145	66876	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	23.59	23.65
Inter-Band	CA_48C-48C-66A	48	20	3560	55340	QPSK	1	0	48	20	3579.8	55538	48	20	3670.2	56442	48	20	3690	56640	66	20	2145	66786	23.57	23.65
Inter-Band	CA_4A-46A-46D	4	20	1732.5	20175	QPSK	1	0	46	20	5160	46890	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	24.10	24.22
Inter-Band	CA_4A-48E	4	20	1732.5	20175	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	48	20	3619.4	55934	24.15	24.22
Inter-Band	CA_5A-48D-66A	5	10	829	20450	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	66	20	2155	66886	23.50	23.55
Inter-Band	CA_5B-46D	5	10	829	20450	QPSK	1	0	5	10	883.9	2549	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.54	23.55
Intra-Band Non-Contiguous	CA_41C-41D	41	20	2549.5	40185	QPSK	1	0	41	20	2569.3	40383	41	20	2640.4	41094	41	20	2660.2	41292	41	20	2680	41490	23.72	23.73
Intra-Band Non-Contiguous	48C-48D	48	20	3560	55340	QPSK	1	0	48	20	3579.8	55538	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	23.59	23.65
Intra-Band Non-Contiguous	CA_48A-48E	48	20	3560	55340	QPSK	1	0	48	20	3630.6	56046	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	23.58	23.65
Intra-Band Contiguous	CA_48F	48	20	3560	55340	QPSK	1	0	48	20	3579.8	55538	48	20	3599.6	55736	48	20	3619.4	55934	48	20	3639.2	56132	23.72	23.91

6CC

Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				SCC4				SCC5				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	CA_13A-46D-66A-66A	13	10	782	23230	QPSK	1	0	66	20	2120	66536	46	20	5557.3	50863	46	20	5577.1	51061	46	20	5537.5	50665	66	20	2190	67236	23.44	23.46
Inter-Band	CA_13A-48E-66A	13	10	782	23230	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	48	20	3619.4	55934	66	20	2155	66886	23.42	23.46
Inter-Band	CA_2A-13A-46E	2	20	1880	18900	QPSK	1	0	13	10	751	5230	46	20	5517.7	50467	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5571.1	51061	24.04	24.07
Inter-Band	CA_2A-46A-48D-66A	2	20	1880	18900	QPSK	1	0	46	20	5905	54340	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	66	20	2155	66886	24.03	24.07
Inter-Band	CA_2A-46A-48E	2	20	1880	18900	QPSK	1	0	46	20	5905	54340	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	48	20	3619.4	55934	24.02	24.07
Inter-Band	CA_2A-46C-48C-66A	2	20	1880	18900	QPSK	1	0	46	20	5160	46890	46	20	5179.8	47088	48	20	3560	55340	48	20	3579.8	55538	66	20	2155	66886	24.06	24.07
Inter-Band	CA_2A-46D-48A-66A	2	20	1880	18900	QPSK	1	0	48	20	3625	55990	46	20	5865.2	53942	46	20	5885	54140	46	20	5904.8	54338	66	20	2145	66876	24.06	24.07
Inter-Band	CA_2A-48E-66A	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	48	20	3619.4	55934	66	20	2155	66886	24.04	24.07

7CC

Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				SCC4				SCC5				SCC6				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	CA_2A-46C-48E	2	20	1880	18900	QPSK	1	0	48	20	3630.6	56046	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	46	20	5160	46890	46	20	5180	47088	23.44	23.46
Inter-Band	CA_46C-48E-66A	66	20	1745	132322	QPSK	1	0	48	20	3630.6	56046	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	46	20	5160	46890	46	20	5180	47088	24.04	24.10
Inter-Band	CA_46E-48C-66A	66	20	1745	132322	QPSK	1	0	46	20	5845	53740	46	20	5864.8	53938	46	20	5884.6	54136	46	20	5904.4	54334	48	20	3560	55340	48	20	3579.8	55538	24.06	24.10
Inter-Band	CA_2A-13A-46D-66A-66A	2	20	1880	18900	QPSK	1	0	13	10	751	5230	66	20	2155	66886	66	5	2197.5	67311	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.84	23.90
Inter-Band	CA_2A-46C-48D-66A	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	46	20	5160	46890	46	20	5179.8	47088	66	20	2145	66876	23.89	23.90
Inter-Band	CA_2A-46D-48C-66A	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	46	20	5160	46890	46	20	5179.8	47088	46	20	5199.6	47286	66	20	2145	66876	23.85	23.90
Inter-Band	CA_2A-46E-48A-66A	2	20	1880	18900	QPSK	1	0	48	20	3625	55990	46	20	5845	53740	46	20	5864.8	53938	46	20	5884.6	54136	46	20	5904.4	54334	66	20	2145	66876	23.84	23.90
Inter-Band	CA_2A-46E-48C	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	46	20	5845	53740	46	20	5864.8	53938	46	20	5884.6	54136	46	20	5904.4	54334	23.86	23.90
Inter-Band	CA_2A-46E-66A-66A	2	20	1880	18900	QPSK	1	0	66	20	2120	66536	46	20	2139.8	66734	46	20	2159.6	66932	46	20	2179.4	67130	46	20	5845	53740	66	20	2190	67236	23.85	23.90
Inter-Band	CA_2A-5A-46D-66A-66A	2	20	1880	18900	QPSK	1	0	66	20	2120	66536	5	10	881.5	2525	46	20	5845	53740	46	20	5864.8	53938	46	20	5884.6	54136	66	20	2190	67236	23.81	23.90
Inter-Band	CA_2A-5A-46E-66A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	46	20	5520	50490	46	20	5539.8	50688	46	20	5559.9	50889	46	20	5580	51090	66	10	2155	66886	23.88	23.90
Inter-Band	CA_5A-46E-66A-66A	5	10	829	20450	QPSK	1	0	66	20	2120	66536	46	20	5517.7	50467	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5571.1	51061	66	20	2190	67236	23.49	23.55

ConductedfullPower for 5G NR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.00	23.11	23.07	25.2	0.0
20	PI/2 BPSK	1	53	23.01	23.10	23.02		
20	PI/2 BPSK	1	104	23.04	23.08	22.97		
20	PI/2 BPSK	50	0	22.95	23.10	22.98	24.7	0.5
20	PI/2 BPSK	50	28	23.05	23.09	22.95	25.2	0.0
20	PI/2 BPSK	50	56	22.99	23.06	22.93	24.7	0.5
20	PI/2 BPSK	100	0	22.92	23.08	22.95		
20	QPSK	1	1	23.57	23.61	23.59	25.2	0.0
20	QPSK	1	53	23.55	23.52	23.57		
20	QPSK	1	104	23.55	23.53	23.53		
20	QPSK	50	0	22.56	22.32	22.33	24.2	1.0
20	QPSK	50	28	23.17	23.21	23.18	25.2	0.0
20	QPSK	50	56	22.86	22.21	22.69	24.2	1.0
20	QPSK	100	0	22.19	22.20	22.18		
20	16QAM	1	1	22.22	22.55	22.21	24.2	1.0
20	64QAM	1	1	20.78	20.95	20.71	22.7	2.5
20	256QAM	1	1	19.13	19.28	19.22	20.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.54	23.60	23.57	25.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.42	23.52	23.39	25.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.44	23.46	23.35	25.2	0.0

n5_ANT 0 DFT-15

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.48	21.68	21.55	24.2	0.0
20	PI/2 BPSK	1	53	21.46	21.62	21.52		
20	PI/2 BPSK	1	104	21.44	21.60	21.46		
20	PI/2 BPSK	50	0	21.51	21.58	21.47	23.7	0.5
20	PI/2 BPSK	50	28	21.47	21.64	21.41	24.2	0.0
20	PI/2 BPSK	50	56	21.42	21.57	21.43	23.7	0.5
20	PI/2 BPSK	100	0	21.47	21.65	21.43		
20	QPSK	1	1	23.06	23.15	23.12	24.2	0.0
20	QPSK	1	53	23.02	23.05	23.10		
20	QPSK	1	104	23.01	23.08	23.07		
20	QPSK	50	0	22.06	22.05	21.99	23.2	1.0
20	QPSK	50	28	22.99	23.00	22.95	24.2	0.0
20	QPSK	50	56	21.95	21.98	21.96	23.2	1.0
20	QPSK	100	0	21.99	22.00	21.91		
20	16QAM	1	1	22.24	22.28	21.96	23.2	1.0
20	64QAM	1	1	20.73	20.70	20.81	21.7	2.5
20	256QAM	1	1	18.61	18.58	18.69	19.7	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.07	23.14	23.11	24.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.13	23.05	23.12	24.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.07	23.12	23.13	24.2	0.0

n7_ANT 2 DFT-15

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.48	22.44	22.28	24.2	0.0
20	PI/2 BPSK	1	53	22.44	22.39	22.37		
20	PI/2 BPSK	1	104	22.43	22.35	22.35		
20	PI/2 BPSK	50	0	22.41	22.41	22.23	23.7	0.5
20	PI/2 BPSK	50	28	22.45	22.39	22.34	24.2	0.0
20	PI/2 BPSK	50	56	22.46	22.36	22.31	23.7	0.5
20	PI/2 BPSK	100	0	22.40	22.38	22.30		
20	QPSK	1	1	23.01	23.04	22.92	24.2	0.0
20	QPSK	1	53	22.96	22.98	22.89		
20	QPSK	1	104	23.00	22.94	22.74		
20	QPSK	50	0	21.83	22.34	22.25	23.2	1.0
20	QPSK	50	28	22.60	22.91	22.81	24.2	0.0
20	QPSK	50	56	21.97	21.92	21.71	23.2	1.0
20	QPSK	100	0	21.88	22.13	22.08		
20	16QAM	1	1	21.48	22.19	22.22	23.2	1.0
20	64QAM	1	1	20.01	20.61	20.79	21.7	2.5
20	256QAM	1	1	18.25	18.59	19.07	19.7	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.01	22.96	22.95	24.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.82	22.79	22.76	24.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.79	22.74	24.2	0.0

n25_ANT 2 DFT-15

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.99	22.95	23.03	25.2	0.0
40	PI/2 BPSK	1	108	23.00	23.09	23.05		
40	PI/2 BPSK	1	214	23.07	22.96	22.99		
40	PI/2 BPSK	108	0	23.02	23.01	23.07	24.7	0.5
40	PI/2 BPSK	108	54	23.03	23.00	23.02	25.2	0.0
40	PI/2 BPSK	108	108	23.11	23.07	23.03	24.7	0.5
40	PI/2 BPSK	216	0	23.08	22.96	23.08		
40	QPSK	1	1	23.99	24.10	24.05	25.2	0.0
40	QPSK	1	108	23.89	24.07	24.00		
40	QPSK	1	214	23.98	24.01	23.52		
40	QPSK	108	0	23.39	23.13	23.12	24.2	1.0
40	QPSK	108	54	23.89	23.90	23.88	25.2	0.0
40	QPSK	108	108	23.12	23.15	23.25	24.2	1.0
40	QPSK	216	0	22.76	22.78	22.77		
40	16QAM	1	1	22.93	23.33	23.29	24.2	1.0
40	64QAM	1	1	21.57	21.71	21.99	22.7	2.5
40	256QAM	1	1	19.92	19.93	20.50	20.7	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.05	24.07	24.08	25.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.07	24.08	24.03	25.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.08	24.03	23.93	25.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.09	24.04	23.98	25.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.85	23.88	23.80	25.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.87	23.91	23.72	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.00		24.7	0.0
10	PI/2 BPSK	1	26		23.05			
10	PI/2 BPSK	1	50		22.99			
10	PI/2 BPSK	25	0		22.45		24.2	0.5
10	PI/2 BPSK	25	14		22.92		24.7	0.0
10	PI/2 BPSK	25	27		22.40		24.2	0.5
10	PI/2 BPSK	50	0		22.25			
10	QPSK	1	1		23.56		24.7	0.0
10	QPSK	1	26		23.52			
10	QPSK	1	50		23.54			
10	QPSK	25	0		22.41		23.7	1.0
10	QPSK	25	14		23.54		24.7	0.0
10	QPSK	25	27		22.34		23.7	1.0
10	QPSK	50	0		22.38			
10	16QAM	1	1		22.35		23.7	1.0
10	64QAM	1	1		21.41		22.2	2.5
10	256QAM	1	1		19.05		20.2	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.41	23.51	23.47	24.7	0.0

n66_ANT 2 DFT-15

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.64	22.67	22.78	25.2	0.0
40	PI/2 BPSK	1	108	22.73	22.78	22.76		
40	PI/2 BPSK	1	214	22.86	22.73	22.62		
40	PI/2 BPSK	108	0	22.26	22.22	22.29	24.7	0.5
40	PI/2 BPSK	108	54	22.72	22.78	22.79	25.2	0.0
40	PI/2 BPSK	108	108	22.34	22.33	22.27	24.7	0.5
40	PI/2 BPSK	216	0	22.28	22.34	22.22		
40	QPSK	1	1	24.26	24.29	24.28	25.2	0.0
40	QPSK	1	108	24.21	24.25	24.17		
40	QPSK	1	214	24.24	24.12	24.14		
40	QPSK	108	0	23.05	23.27	23.17	24.2	1.0
40	QPSK	108	54	24.23	24.26	23.91	25.2	0.0
40	QPSK	108	108	23.33	24.02	23.07	24.2	1.0
40	QPSK	216	0	23.26	23.29	23.12		
40	16QAM	1	1	22.84	23.38	23.18	24.2	1.0
40	64QAM	1	1	21.43	21.83	21.84	22.7	2.5
40	256QAM	1	1	19.61	19.67	19.68	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.23	24.28	24.27	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.23	24.25	24.23	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.24	24.25	24.23	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.27	24.21	24.26	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.25	24.20	24.26	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.33	22.37	22.40	25.2	0.0
40	PI/2 BPSK	1	108	22.33	22.38	22.33		
40	PI/2 BPSK	1	214	22.33	22.29	22.29		
40	PI/2 BPSK	108	0	21.97	22.00	22.01	24.7	0.5
40	PI/2 BPSK	108	54	22.33	22.31	22.35	25.2	0.0
40	PI/2 BPSK	108	108	21.96	21.99	22.02	24.7	0.5
40	PI/2 BPSK	216	0	22.02	22.01	21.99		
40	QPSK	1	1	23.78	23.88	23.99	25.2	0.0
40	QPSK	1	108	23.73	23.87	23.91		
40	QPSK	1	214	23.77	23.86	23.92		
40	QPSK	108	0	23.81	22.83	22.88	24.2	1.0
40	QPSK	108	54	23.85	23.86	23.91	25.2	0.0
40	QPSK	108	108	22.84	22.81	22.94	24.2	1.0
40	QPSK	216	0	22.86	22.90	22.92		
40	16QAM	1	1	22.95	22.71	23.14	24.2	1.0
40	64QAM	1	1	21.54	21.65	21.68	22.7	2.5
40	256QAM	1	1	19.36	19.56	19.41	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.88	23.87	23.89	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.84	23.82	23.86	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.90	23.85	23.80	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.80	23.82	23.82	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.81	23.76	23.76	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.65	21.75	21.58	24.4	0.0
20	PI/2 BPSK	1	53	21.69	21.65	21.59		
20	PI/2 BPSK	1	104	21.68	21.58	21.54		
20	PI/2 BPSK	50	0	21.66	21.61	21.52	23.9	0.5
20	PI/2 BPSK	50	28	21.65	21.55	21.53	24.4	0.0
20	PI/2 BPSK	50	56	21.55	21.53	21.58	23.9	0.5
20	PI/2 BPSK	100	0	21.61	21.52	21.56		
20	QPSK	1	1	23.31	23.35	23.33	24.4	0.0
20	QPSK	1	53	23.30	23.30	23.30		
20	QPSK	1	104	23.25	23.22	23.31		
20	QPSK	50	0	22.20	22.30	22.19	23.4	1.0
20	QPSK	50	28	23.21	23.22	23.20	24.4	0.0
20	QPSK	50	56	22.20	22.22	22.18	23.4	1.0
20	QPSK	100	0	22.21	22.23	22.22		
20	16QAM	1	1	22.24	22.21	22.32	23.4	1.0
20	64QAM	1	1	20.85	20.86	20.80	21.9	2.5
20	256QAM	1	1	18.72	18.71	18.75	19.9	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.29	23.29	23.31	24.4	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.28	23.30	23.30	24.4	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.32	23.26	23.32	24.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.34	23.30	23.31	25.2	0.0
20	PI/2 BPSK	1	53	23.26	23.28	23.27		
20	PI/2 BPSK	1	104	23.28	23.25	23.23		
20	PI/2 BPSK	50	0	22.74	22.76	22.74	24.7	0.5
20	PI/2 BPSK	50	28	23.25	23.29	23.22	25.2	0.0
20	PI/2 BPSK	50	56	22.73	22.74	22.75	24.7	0.5
20	PI/2 BPSK	100	0	22.75	22.75	22.73		
20	QPSK	1	1	23.75	23.89	23.85	25.2	0.0
20	QPSK	1	53	23.73	23.87	23.80		
20	QPSK	1	104	23.72	23.84	23.76		
20	QPSK	50	0	22.26	22.28	22.30	24.2	1.0
20	QPSK	50	28	23.65	23.79	23.72	25.2	0.0
20	QPSK	50	56	22.97	22.92	22.95	24.2	1.0
20	QPSK	100	0	22.95	22.98	22.96		
20	16QAM	1	1	22.15	22.24	22.21	24.2	1.0
20	64QAM	1	1	21.72	21.71	21.76	22.7	2.5
20	256QAM	1	1	19.95	19.93	19.98	20.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.80	23.88	23.81	25.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.85	23.80	23.80	25.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.80	23.79	23.88	25.2	0.0

n5_ANT 1 DFT-15

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.73	22.77	22.72	24.7	0.0
20	PI/2 BPSK	1	53	22.62	22.68	22.55		
20	PI/2 BPSK	1	104	22.58	22.64	22.62		
20	PI/2 BPSK	50	0	22.63	22.67	22.63	24.2	0.5
20	PI/2 BPSK	50	28	22.65	22.73	22.61	24.7	0.0
20	PI/2 BPSK	50	56	22.64	22.61	22.64	24.2	0.5
20	PI/2 BPSK	100	0	22.69	22.72	22.62		
20	QPSK	1	1	23.74	23.78	23.72	24.7	0.0
20	QPSK	1	53	23.73	23.72	23.71		
20	QPSK	1	104	23.69	23.71	23.68		
20	QPSK	50	0	22.92	22.65	23.18	23.7	1.0
20	QPSK	50	28	23.65	23.69	23.60	24.7	0.0
20	QPSK	50	56	23.04	22.66	23.12	23.7	1.0
20	QPSK	100	0	23.10	23.17	23.14		
20	16QAM	1	1	23.38	22.91	23.07	23.7	1.0
20	64QAM	1	1	21.79	21.38	21.61	22.2	2.5
20	256QAM	1	1	19.62	19.31	19.71	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.74	23.73	23.75	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.70	23.69	23.70	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.70	23.77	23.74	24.7	0.0

n7_ANT 3 DFT-15

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.69	22.76	22.65	24.2	0.0
20	PI/2 BPSK	1	53	22.68	22.72	22.66		
20	PI/2 BPSK	1	104	22.70	22.75	22.62		
20	PI/2 BPSK	50	0	22.67	22.72	22.66	24.2	0.0
20	PI/2 BPSK	50	28	22.65	22.71	22.65	24.2	0.0
20	PI/2 BPSK	50	56	22.68	22.69	22.68	24.2	0.0
20	PI/2 BPSK	100	0	22.66	22.68	22.64		
20	QPSK	1	1	23.05	23.10	23.03	24.2	0.0
20	QPSK	1	53	23.04	23.00	23.02		
20	QPSK	1	104	23.01	23.01	23.00		
20	QPSK	50	0	22.95	22.98	22.91	24.2	0.0
20	QPSK	50	28	22.96	23.00	22.93	24.2	0.0
20	QPSK	50	56	22.92	22.98	22.92	24.2	0.0
20	QPSK	100	0	23.01	23.03	22.95		
20	16QAM	1	1	23.01	22.90	22.92	23.2	1.0
20	64QAM	1	1	21.86	21.50	21.67	21.7	2.5
20	256QAM	1	1	19.58	19.45	19.46	20.7	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.02	23.06	23.01	24.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.02	23.05	23.07	24.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.05	23.08	23.00	24.2	0.0

n25_ANT 3 DFT-15

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.02	23.05	23.15	25.2	0.0
40	PI/2 BPSK	1	108	23.16	23.07	23.11		
40	PI/2 BPSK	1	214	23.13	23.01	23.13		
40	PI/2 BPSK	108	0	23.05	23.12	23.08	24.7	0.5
40	PI/2 BPSK	108	54	23.03	23.11	23.06	25.2	0.0
40	PI/2 BPSK	108	108	23.17	23.06	23.05	24.7	0.5
40	PI/2 BPSK	216	0	23.09	23.13	23.09		
40	QPSK	1	1	24.18	24.20	24.11	25.2	0.0
40	QPSK	1	108	24.16	24.15	24.10		
40	QPSK	1	214	24.11	24.13	24.08		
40	QPSK	108	0	23.53	23.03	23.64	24.2	1.0
40	QPSK	108	54	24.03	24.05	24.04	25.2	0.0
40	QPSK	108	108	23.42	23.45	23.40	24.2	1.0
40	QPSK	216	0	23.47	23.50	23.48		
40	16QAM	1	1	23.83	23.35	23.86	24.2	1.0
40	64QAM	1	1	22.29	22.29	22.31	22.7	2.5
40	256QAM	1	1	20.11	20.15	20.13	20.7	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.14	24.16	24.16	25.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.11	24.10	24.11	25.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.12	24.12	24.14	25.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.19	24.11	24.11	25.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.11	24.12	24.12	25.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	24.13	24.19	24.16	25.2	0.0

n30_ANT 3 DFT-15

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.60		25.2	0.0
10	PI/2 BPSK	1	26		22.66			
10	PI/2 BPSK	1	50		22.61			
10	PI/2 BPSK	25	0		21.99		24.7	0.5
10	PI/2 BPSK	25	14		22.52		25.2	0.0
10	PI/2 BPSK	25	27		22.00		24.7	0.5
10	PI/2 BPSK	50	0		21.99			
10	QPSK	1	1		24.11		25.2	0.0
10	QPSK	1	26		24.05			
10	QPSK	1	50		24.10			
10	QPSK	25	0		22.00		24.2	1.0
10	QPSK	25	14		24.09		25.2	0.0
10	QPSK	25	27		22.11		24.2	1.0
10	QPSK	50	0		22.60			
10	16QAM	1	1		22.01		24.2	1.0
10	64QAM	1	1		21.50		22.7	2.5
10	256QAM	1	1		19.50		20.7	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	24.03	24.05	24.09	25.2	0.0

n66_ANT 3 DFT-15

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.58	22.55	22.68	25.2	0.0
40	PI/2 BPSK	1	108	22.69	22.55	22.61		
40	PI/2 BPSK	1	214	22.70	22.54	22.55		
40	PI/2 BPSK	108	0	22.11	22.12	22.13	24.7	0.5
40	PI/2 BPSK	108	54	22.65	22.55	22.61	25.2	0.0
40	PI/2 BPSK	108	108	22.29	22.30	22.13	24.7	0.5
40	PI/2 BPSK	216	0	22.21	22.22	22.19		
40	QPSK	1	1	24.15	24.20	24.10	25.2	0.0
40	QPSK	1	108	24.10	24.15	24.08		
40	QPSK	1	214	24.13	24.19	24.09		
40	QPSK	108	0	23.17	23.18	23.20	24.2	1.0
40	QPSK	108	54	24.09	24.18	24.16	25.2	0.0
40	QPSK	108	108	23.31	23.15	23.17	24.2	1.0
40	QPSK	216	0	23.10	23.13	23.12		
40	16QAM	1	1	23.10	23.12	23.08	24.2	1.0
40	64QAM	1	1	21.92	21.81	21.93	22.7	2.5
40	256QAM	1	1	19.62	19.71	19.72	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.17	24.11	24.11	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.15	24.17	24.14	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.16	24.13	24.16	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.17	24.11	24.13	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.11	24.14	24.17	25.2	0.0

n66_ANT 1 DFT-15								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.07	23.10	23.18	24.2	0.0
40	PI/2 BPSK	1	108	23.13	23.17	23.20		
40	PI/2 BPSK	1	214	23.11	23.12	23.18		
40	PI/2 BPSK	108	0	23.06	23.08	23.19	23.7	0.5
40	PI/2 BPSK	108	54	23.11	23.14	23.22	24.2	0.0
40	PI/2 BPSK	108	108	23.13	23.17	23.21	23.7	0.5
40	PI/2 BPSK	216	0	23.11	23.16	23.22		
40	QPSK	1	1	23.04	23.18	23.23	24.2	0.0
40	QPSK	1	108	23.02	23.17	23.16		
40	QPSK	1	214	23.02	23.15	23.18		
40	QPSK	108	0	22.58	22.53	22.63	23.2	1.0
40	QPSK	108	54	23.10	23.12	23.13	24.2	0.0
40	QPSK	108	108	22.72	22.67	22.70	23.2	1.0
40	QPSK	216	0	22.56	22.68	22.71		
40	16QAM	1	1	22.82	22.82	22.84	23.2	1.0
40	64QAM	1	1	21.25	21.29	21.28	22.2	2.0
40	256QAM	1	1	19.14	19.11	19.10	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.06	23.06	23.16	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.14	23.06	23.06	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.16	23.08	23.10	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.00	23.00	22.93	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.95	23.00	22.99	24.2	0.0

n71_ANT 1 DFT-15								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.78	22.81	22.82	25.2	0.0
20	PI/2 BPSK	1	53	22.81	22.83	22.75		
20	PI/2 BPSK	1	104	22.72	22.76	22.74		
20	PI/2 BPSK	50	0	22.43	22.79	22.76	24.7	0.5
20	PI/2 BPSK	50	28	22.80	22.84	22.72	25.2	0.0
20	PI/2 BPSK	50	56	22.78	22.76	22.68	24.7	0.5
20	PI/2 BPSK	100	0	22.78	22.83	22.73		
20	QPSK	1	1	24.21	24.38	24.33	25.2	0.0
20	QPSK	1	53	24.20	24.37	24.31		
20	QPSK	1	104	24.18	24.28	24.22		
20	QPSK	50	0	23.28	23.32	23.27	24.2	1.0
20	QPSK	50	28	24.28	24.31	24.23	25.2	0.0
20	QPSK	50	56	23.32	23.24	23.23	24.2	1.0
20	QPSK	100	0	23.30	23.31	23.24		
20	16QAM	1	1	22.93	23.05	23.61	24.2	1.0
20	64QAM	1	1	21.37	21.57	22.01	22.7	2.5
20	256QAM	1	1	19.02	19.84	19.81	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.36	24.29	24.37	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.32	24.32	24.31	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.29	24.33	24.32	25.2	0.0

n38_ANT 2 DFT-30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.84	22.81	22.86	24.7	0.0
40	PI/2 BPSK	1	53	22.76	22.72	22.73		
40	PI/2 BPSK	1	104	22.75	22.73	22.71		
40	PI/2 BPSK	50	0	22.72	22.81	22.75	24.2	0.5
40	PI/2 BPSK	50	28	22.74	22.69	22.68	24.7	0.0
40	PI/2 BPSK	50	56	22.69	22.68	22.66	24.2	0.5
40	PI/2 BPSK	100	0	22.77	22.75	22.73		
40	QPSK	1	1	23.40	23.51	23.48	24.7	0.0
40	QPSK	1	53	23.34	23.50	23.35		
40	QPSK	1	104	23.27	23.48	22.83		
40	QPSK	50	0	22.11	22.15	22.14	23.7	1.0
40	QPSK	50	28	22.12	22.20	22.15		
40	QPSK	50	56	19.15	19.10	19.20		
40	QPSK	100	0	20.71	20.72	20.70	22.7	2.0
40	16QAM	1	1	21.88	21.87	21.77	23.7	1.0
40	64QAM	1	1	20.39	20.41	20.27	22.2	2.5
40	256QAM	1	1	18.73	18.81	18.61	20.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.40	23.40	23.38	24.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
20	QPSK	1	1	23.42	23.38	23.38	24.7	0.0

n41(PC3)_FCC_ANT 2 DFT-30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.33	23.33	23.21	24.2	0.0
100	PI/2 BPSK	1	137	23.29	23.31	23.17		
100	PI/2 BPSK	1	271	23.24	23.15	23.01		
100	PI/2 BPSK	135	0	23.34	22.79	23.21	23.7	0.5
100	PI/2 BPSK	135	69	23.32	23.31	23.09	24.2	0.0
100	PI/2 BPSK	135	138	23.28	22.67	22.98	23.7	0.5
100	PI/2 BPSK	270	0	23.31	22.70	23.09		
100	QPSK	1	1	23.31	23.35	23.28	24.2	0.0
100	QPSK	1	137	23.30	22.76	23.09		
100	QPSK	1	271	22.85	23.13	22.45		
100	QPSK	135	0	22.90	22.50	22.53	24.2	0.0
100	QPSK	135	69	22.92	22.93	22.91		
100	QPSK	135	138	22.68	22.29	22.37		
100	QPSK	270	0	22.33	22.34	22.30	23.2	1.0
100	16QAM	1	1	22.42	22.07	22.43	23.2	1.0
100	64QAM	1	1	20.86	20.54	20.95	21.7	2.5
100	256QAM	1	1	19.13	18.75	18.83	19.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.29	23.31	23.33	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.29	23.26	23.28	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.30	23.34	23.34	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.30	23.25	23.29	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.27	23.29	23.30	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.31	23.33	23.30	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.28	23.31	23.32	24.2	0.0

n41(PC2)_FCC_ANT 2 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.18	26.12	26.06	27.2	0.0
100	PI/2 BPSK	1	137	26.23	26.14	26.03		
100	PI/2 BPSK	1	271	26.14	26.10	26.02		
100	PI/2 BPSK	135	0	26.22	26.11	26.06	26.7	0.5
100	PI/2 BPSK	135	69	26.12	26.08	26.02	27.2	0.0
100	PI/2 BPSK	135	138	26.23	26.13	26.05	26.7	0.5
100	PI/2 BPSK	270	0	26.13	26.07	26.02		
100	QPSK	1	1	26.32	26.21	26.15	27.2	0.0
100	QPSK	1	137	26.26	26.15	26.10		
100	QPSK	1	271	26.20	26.14	26.09		
100	QPSK	135	0	26.21	26.13	26.08	27.2	0.0
100	QPSK	135	69	26.24	26.14	26.09		
100	QPSK	135	138	26.18	26.01	26.02		
100	QPSK	270	0	25.24	25.08	25.04	26.2	1.0
100	16QAM	1	1	25.54	25.15	25.28	26.2	1.0
100	64QAM	1	1	23.56	23.86	23.91	24.7	2.5
100	256QAM	1	1	21.76	21.55	21.58	22.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.25	26.20	26.24	27.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.22	26.27	26.26	27.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.21	26.27	26.19	27.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.26	26.23	26.21	27.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.23	26.27	26.25	27.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.21	26.19	26.21	27.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.23	26.20	26.19	27.2	0.0

n41(UL MIMO)_FCC_ANT 5 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.95	22.90	22.89	24.2	0.0
100	PI/2 BPSK	1	137	22.81	22.86	22.88		
100	PI/2 BPSK	1	271	22.77	22.91	22.82		
100	PI/2 BPSK	135	0	22.46	22.32	22.85	23.7	0.5
100	PI/2 BPSK	135	69	22.87	22.87	22.86	24.2	0.0
100	PI/2 BPSK	135	138	22.83	22.81	22.80	23.7	0.5
100	PI/2 BPSK	270	0	22.84	22.92	22.87		
100	QPSK	1	1	23.09	22.98	22.90	24.2	0.0
100	QPSK	1	137	22.92	22.93	22.86		
100	QPSK	1	271	22.88	22.85	22.88		
100	QPSK	135	0	22.43	22.44	22.33	24.2	0.0
100	QPSK	135	69	22.86	22.85	22.77		
100	QPSK	135	138	22.23	22.42	22.31		
100	QPSK	270	0	22.34	22.33	22.32	23.2	1.0
100	16QAM	1	1	22.76	22.70	22.56	23.2	1.0
100	64QAM	1	1	21.21	21.10	21.00	21.7	2.5
100	256QAM	1	1	19.11	18.85	18.77	19.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.99	23.06	23.07	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.04	23.06	23.08	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.02	23.04	23.08	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.00	23.03	23.02	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.08	23.07	23.01	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.00	22.99	23.02	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.08	23.06	23.03	24.2	0.0

n41(PC3)_FCC_ANT 5 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.90	21.93	21.92	23.2	0.0
100	PI/2 BPSK	1	137	21.77	21.86	21.90		
100	PI/2 BPSK	1	271	21.74	21.94	21.82		
100	PI/2 BPSK	135	0	22.04	21.81	22.04	23.2	0.0
100	PI/2 BPSK	135	69	21.82	21.91	21.87	23.2	0.0
100	PI/2 BPSK	135	138	21.77	21.84	21.75	23.2	0.0
100	PI/2 BPSK	270	0	21.78	21.97	21.87		
100	QPSK	1	1	22.07	22.04	21.90	23.2	0.0
100	QPSK	1	137	21.92	21.90	21.83		
100	QPSK	1	271	21.93	21.89	21.86		
100	QPSK	135	0	21.85	21.86	21.80	23.2	0.0
100	QPSK	135	69	21.89	21.87	21.83		
100	QPSK	135	138	21.87	21.81	21.79		
100	QPSK	270	0	21.87	21.85	21.71	23.2	0.0
100	16QAM	1	1	21.92	21.88	21.74	23.2	0.0
100	64QAM	1	1	21.23	21.12	21.01	21.7	1.5
100	256QAM	1	1	19.08	18.89	18.75	19.7	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.93	21.90	21.77	23.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.98	21.93	21.85	23.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.02	21.99	21.75	23.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.96	21.90	21.80	23.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.94	21.91	21.81	23.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.97	21.99	21.78	23.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.93	21.93	21.85	23.2	0.0

n41(PC2)_FCC_ANT 5 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.16	25.13	25.14	26.2	0.0
100	PI/2 BPSK	1	137	25.18	25.15	25.18		
100	PI/2 BPSK	1	271	25.17	25.14	25.11		
100	PI/2 BPSK	135	0	25.17	25.10	25.13	25.7	0.5
100	PI/2 BPSK	135	69	25.22	25.15	25.10	26.2	0.0
100	PI/2 BPSK	135	138	25.17	25.11	25.10	25.7	0.5
100	PI/2 BPSK	270	0	25.19	25.13	25.14		
100	QPSK	1	1	25.33	25.16	25.20	26.2	0.0
100	QPSK	1	137	25.21	25.13	24.90		
100	QPSK	1	271	25.25	24.83	24.32		
100	QPSK	135	0	24.14	24.11	24.06	25.2	1.0
100	QPSK	135	69	24.27	24.13	24.11		
100	QPSK	135	138	24.09	24.12	23.64		
100	QPSK	270	0	24.26	24.25	23.90	25.2	1.0
100	16QAM	1	1	24.55	24.35	24.41	25.2	1.0
100	64QAM	1	1	23.09	22.86	22.91	23.7	2.5
100	256QAM	1	1	21.49	21.24	21.28	21.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.14	25.15	25.17	26.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.18	25.21	25.19	26.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.26	25.25	25.29	26.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.27	25.28	25.23	26.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.24	25.32	25.27	26.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.32	25.32	25.26	26.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.25	25.29	25.28	26.2	0.0

Par27Q n77(PC3)_FCC_ANT 5 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	23.26			24.2	0.0
100	PI/2 BPSK	1	137	23.28				
100	PI/2 BPSK	1	271	23.29				
100	PI/2 BPSK	135	0	22.81			23.7	0.5
100	PI/2 BPSK	135	69	23.26			24.2	0.0
100	PI/2 BPSK	135	138	22.83			23.7	0.5
100	PI/2 BPSK	270	0	22.85				
100	QPSK	1	1	23.33			24.2	0.0
100	QPSK	1	137	23.30				
100	QPSK	1	271	23.31				
100	QPSK	135	0	23.24			24.2	0.0
100	QPSK	135	69	23.25				
100	QPSK	135	138	23.22				
100	QPSK	270	0	23.23			24.2	0.0
100	16QAM	1	1	23.10			23.2	1.0
100	64QAM	1	1	20.94			21.7	2.5
100	256QAM	1	1	19.23			19.7	4.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.31	23.22	23.24	24.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	23.30	23.11	23.19	24.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	23.30	23.07	23.14	24.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	23.26	23.14	23.13	24.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.27	23.07	23.09	24.2	0.0

Par27Q n77(PC2)_FCC_ANT 5 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	25.85			26.7	0.0
100	PI/2 BPSK	1	137	25.84				
100	PI/2 BPSK	1	271	25.86				
100	PI/2 BPSK	135	0	25.83			26.2	0.5
100	PI/2 BPSK	135	69	25.81			26.7	0.0
100	PI/2 BPSK	135	138	25.14			26.2	0.5
100	PI/2 BPSK	270	0	25.81				
100	QPSK	1	1	25.87			26.7	0.0
100	QPSK	1	137	25.41				
100	QPSK	1	271	24.94				
100	QPSK	135	0	25.33			26.7	0.0
100	QPSK	135	69	25.80				
100	QPSK	135	138	25.25				
100	QPSK	270	0	25.28			25.7	1.0
100	16QAM	1	1	25.62			25.7	1.0
100	64QAM	1	1	24.03			24.2	2.5
100	256QAM	1	1	21.84			22.2	4.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.79	25.74	25.69	26.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	25.83	25.68	25.63	26.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	25.83	25.63	25.62	26.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	25.83	25.61	25.63	26.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.78	25.68	25.55	26.7	0.0

Part27O n77(PC3)_FCC_ANT 5 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.25	23.24	23.07	24.2	0.0
100	PI/2 BPSK	1	137	23.28	23.19	23.18		
100	PI/2 BPSK	1	271	23.29	23.16	22.97		
100	PI/2 BPSK	135	0	23.21	23.21	23.07	23.7	0.5
100	PI/2 BPSK	135	69	23.26	23.16	23.01	24.2	0.0
100	PI/2 BPSK	135	138	23.29	23.01	22.99	23.7	0.5
100	PI/2 BPSK	270	0	23.26	23.12	23.02		
100	QPSK	1	1	23.30	23.19	23.07	24.2	0.0
100	QPSK	1	137	23.26	23.18	23.06		
100	QPSK	1	271	23.25	23.08	23.04		
100	QPSK	135	0	23.26	23.10	23.02	24.2	0.0
100	QPSK	135	69	23.29	23.11	23.03		
100	QPSK	135	138	23.25	23.02	23.01		
100	QPSK	270	0	23.24	23.06	23.00	24.2	0.0
100	16QAM	1	1	22.46	22.45	22.36	23.2	1.0
100	64QAM	1	1	20.91	20.92	20.81	21.7	2.5
100	256QAM	1	1	18.69	18.70	18.60	19.7	4.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.24	23.27	23.28	24.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.28	23.29	23.26	24.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.28	23.20	23.27	24.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	23.24	23.26	23.24	24.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.23	23.20	23.28	24.2	0.0

Part27O n77(PC2)_FCC_ANT 5 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.70	25.59	25.45	26.7	0.0
100	PI/2 BPSK	1	137	25.66	25.56	25.42		
100	PI/2 BPSK	1	271	25.68	25.59	25.50		
100	PI/2 BPSK	135	0	25.42	25.30	25.25	26.2	0.5
100	PI/2 BPSK	135	69	25.64	25.27	25.18	26.7	0.0
100	PI/2 BPSK	135	138	25.33	25.18	25.12	26.2	0.5
100	PI/2 BPSK	270	0	25.40	25.15	25.10		
100	QPSK	1	1	25.81	25.61	25.47	26.7	0.0
100	QPSK	1	137	25.80	25.54	24.81		
100	QPSK	1	271	25.66	25.35	24.72		
100	QPSK	135	0	25.06	24.90	24.88	26.7	0.0
100	QPSK	135	69	25.12	25.11	24.92		
100	QPSK	135	138	24.89	24.77	24.80		
100	QPSK	270	0	25.13	24.96	24.81	25.7	1.0
100	16QAM	1	1	25.00	24.80	24.70	25.7	1.0
100	64QAM	1	1	23.39	23.22	23.12	24.2	2.5
100	256QAM	1	1	21.70	21.50	21.37	22.2	4.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.71	25.55	25.42	26.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	25.67	25.52	25.39	26.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.70	25.48	25.37	26.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	25.72	25.53	25.40	26.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.68	25.60	25.37	26.7	0.0

Par27Q n77(PC3)_FCC_ANT 10 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	22.68			23.7	0.0
100	PI/2 BPSK	1	137	22.59				
100	PI/2 BPSK	1	271	22.63				
100	PI/2 BPSK	135	0	22.11			23.2	0.5
100	PI/2 BPSK	135	69	22.60			23.7	0.0
100	PI/2 BPSK	135	138	22.00			23.2	0.5
100	PI/2 BPSK	270	0	22.07				
100	QPSK	1	1	22.69			23.7	0.0
100	QPSK	1	137	22.68				
100	QPSK	1	271	22.67				
100	QPSK	135	0	22.56			23.7	0.0
100	QPSK	135	69	22.57				
100	QPSK	135	138	22.55				
100	QPSK	270	0	21.70			22.7	1.0
100	16QAM	1	1	21.84			22.7	1.0
100	64QAM	1	1	20.45			21.2	2.5
100	256QAM	1	1	18.22			19.2	4.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.64	22.55	22.50	23.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	22.64	22.42	22.37	23.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	22.65	22.50	22.38	23.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	22.64	22.43	22.45	23.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.64	22.49	22.40	23.7	0.0

Par27Q n77(PC2)_FCC_ANT 10 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	24.82			26.2	0.0
100	PI/2 BPSK	1	137	24.90				
100	PI/2 BPSK	1	271	24.90				
100	PI/2 BPSK	135	0	24.30			25.7	0.5
100	PI/2 BPSK	135	69	24.76			26.2	0.0
100	PI/2 BPSK	135	138	24.32			25.7	0.5
100	PI/2 BPSK	270	0	24.35				
100	QPSK	1	1	24.91			26.2	0.0
100	QPSK	1	137	24.89				
100	QPSK	1	271	24.89				
100	QPSK	135	0	24.82			26.2	0.0
100	QPSK	135	69	24.84				
100	QPSK	135	138	24.83				
100	QPSK	270	0	23.85			25.2	1.0
100	16QAM	1	1	23.70			25.2	1.0
100	64QAM	1	1	22.58			23.7	2.5
100	256QAM	1	1	20.45			21.7	4.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.86	24.73	24.81	26.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	24.88	24.60	24.74	26.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	24.86	24.65	24.67	26.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	24.87	24.67	24.72	26.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.86	24.58	24.71	26.2	0.0

Part27O n77(PC3)_FCC_ANT 10 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.81	22.85	22.83	23.7	0.0
100	PI/2 BPSK	1	137	22.72	22.79	22.75		
100	PI/2 BPSK	1	271	22.81	22.86	22.82		
100	PI/2 BPSK	135	0	22.25	22.32	22.30	23.2	0.5
100	PI/2 BPSK	135	69	22.80	22.78	22.75	23.7	0.0
100	PI/2 BPSK	135	138	22.28	22.25	22.23	23.2	0.5
100	PI/2 BPSK	270	0	22.26	22.24	22.21		
100	QPSK	1	1	22.83	22.88	22.86	23.7	0.0
100	QPSK	1	137	22.81	22.80	22.85		
100	QPSK	1	271	22.75	22.86	22.83		
100	QPSK	135	0	22.70	22.73	22.59	23.7	0.0
100	QPSK	135	69	22.71	22.74	22.70		
100	QPSK	135	138	22.69	22.72	22.66		
100	QPSK	270	0	22.10	22.12	22.11	22.7	1.0
100	16QAM	1	1	22.16	22.13	22.15	22.7	1.0
100	64QAM	1	1	20.56	20.50	20.52	21.2	2.5
100	256QAM	1	1	18.79	18.85	18.81	19.2	4.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.78	22.81	22.84	23.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.79	22.85	22.79	23.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.78	22.87	22.79	23.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	22.87	22.83	22.84	23.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.85	22.83	22.87	23.7	0.0

Part27O n77(PC2)_FCC_ANT 10 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.98	24.95	25.00	26.2	0.0
100	PI/2 BPSK	1	137	24.91	24.96	24.99		
100	PI/2 BPSK	1	271	24.92	24.97	24.95		
100	PI/2 BPSK	135	0	24.29	24.31	24.33	25.7	0.5
100	PI/2 BPSK	135	69	24.75	24.80	24.78	26.2	0.0
100	PI/2 BPSK	135	138	24.38	24.35	24.32	25.7	0.5
100	PI/2 BPSK	270	0	24.33	24.38	24.40		
100	QPSK	1	1	25.00	25.10	25.03	26.2	0.0
100	QPSK	1	137	24.91	24.90	24.58		
100	QPSK	1	271	24.85	24.93	24.21		
100	QPSK	135	0	24.40	24.45	24.42	26.2	0.0
100	QPSK	135	69	24.55	24.60	24.59		
100	QPSK	135	138	24.30	24.21	24.25		
100	QPSK	270	0	23.50	23.55	23.54	25.2	1.0
100	16QAM	1	1	23.52	23.50	23.59	25.2	1.0
100	64QAM	1	1	22.15	22.12	22.22	23.7	2.5
100	256QAM	1	1	21.09	21.00	21.05	21.7	4.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	24.83	24.90	24.93	26.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.81	24.85	24.88	26.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.89	24.95	24.92	26.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	24.88	24.92	24.90	26.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.90	24.94	24.91	26.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	18.00			18.7	0.0
100	PI/2 BPSK	1	137	17.61				
100	PI/2 BPSK	1	271	17.68				
100	PI/2 BPSK	135	0	17.77			18.7	0.0
100	PI/2 BPSK	135	69	17.59			18.7	0.0
100	PI/2 BPSK	135	138	17.68			18.7	0.0
100	PI/2 BPSK	270	0	17.59				
100	QPSK	1	1	18.02			18.7	0.0
100	QPSK	1	137	17.76				
100	QPSK	1	271	17.58				
100	QPSK	135	0	17.67			18.7	0.0
100	QPSK	135	69	17.77				
100	QPSK	135	138	17.55				
100	QPSK	270	0	17.43			18.7	0.0
100	16QAM	1	1	17.81			18.7	0.0
100	64QAM	1	1	17.74			18.7	0.0
100	256QAM	1	1	16.94			17.7	1.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.96	17.83	17.90	18.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	17.87	17.76	17.76	18.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	17.98	17.77	17.81	18.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	17.95	17.70	17.79	18.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.94	17.70	17.81	18.7	0.0

Par27Q n77(PC2)_FCC_ANT 6 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.50			21.2	0.0
100	PI/2 BPSK	1	137	20.12				
100	PI/2 BPSK	1	271	19.83				
100	PI/2 BPSK	135	0	20.26			20.7	0.5
100	PI/2 BPSK	135	69	20.03			21.2	0.0
100	PI/2 BPSK	135	138	19.41			20.7	0.5
100	PI/2 BPSK	270	0	19.94				
100	QPSK	1	1	20.54			21.2	0.0
100	QPSK	1	137	20.23				
100	QPSK	1	271	19.82				
100	QPSK	135	0	20.21			21.2	0.0
100	QPSK	135	69	20.27				
100	QPSK	135	138	19.86				
100	QPSK	270	0	19.98			20.7	0.5
100	16QAM	1	1	20.30			20.7	0.5
100	64QAM	1	1	18.92			19.7	1.5
100	256QAM	1	1	16.91			17.7	3.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.43	20.33	20.38	21.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	20.47	20.25	20.28	21.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	20.48	20.26	20.31	21.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	20.39	20.26	20.28	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.46	20.25	20.30	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.63	17.45	17.60	18.7	0.0
100	PI/2 BPSK	1	137	17.62	17.68	17.63		
100	PI/2 BPSK	1	271	17.66	17.49	17.50		
100	PI/2 BPSK	135	0	17.48	17.50	17.16	18.7	0.0
100	PI/2 BPSK	135	69	17.68	17.48	17.61	18.7	0.0
100	PI/2 BPSK	135	138	17.61	17.51	17.48	18.7	0.0
100	PI/2 BPSK	270	0	17.45	17.22	17.47		
100	QPSK	1	1	17.69	17.78	17.81	18.7	0.0
100	QPSK	1	137	17.44	17.47	17.65		
100	QPSK	1	271	17.48	17.46	17.51		
100	QPSK	135	0	17.38	17.39	17.49	18.7	0.0
100	QPSK	135	69	17.52	17.45	17.55		
100	QPSK	135	138	17.51	17.43	17.45		
100	QPSK	270	0	17.17	17.23	17.30	18.7	0.0
100	16QAM	1	1	17.28	17.28	17.41	18.7	0.0
100	64QAM	1	1	17.23	17.20	17.37	18.7	0.0
100	256QAM	1	1	15.59	15.25	15.44	17.7	1.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.62	17.68	17.66	18.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.56	17.71	17.76	18.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.55	17.66	17.70	18.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	17.59	17.67	17.75	18.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.62	17.66	17.70	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.97	19.76	19.94	21.2	0.0
100	PI/2 BPSK	1	137	19.94	20.14	20.13		
100	PI/2 BPSK	1	271	19.92	19.82	19.86		
100	PI/2 BPSK	135	0	19.82	19.77	19.45	20.7	0.5
100	PI/2 BPSK	135	69	19.94	19.83	19.92	21.2	0.0
100	PI/2 BPSK	135	138	19.46	19.35	19.38	20.7	0.5
100	PI/2 BPSK	270	0	19.31	18.97	19.42		
100	QPSK	1	1	20.22	20.24	20.27	21.2	0.0
100	QPSK	1	137	19.99	19.97	20.15		
100	QPSK	1	271	19.96	19.95	20.02		
100	QPSK	135	0	19.63	19.59	19.44	21.2	0.0
100	QPSK	135	69	19.89	19.73	19.99		
100	QPSK	135	138	19.47	19.29	19.35		
100	QPSK	270	0	19.38	18.98	19.48	20.7	0.5
100	16QAM	1	1	18.86	19.02	19.19	20.7	0.5
100	64QAM	1	1	17.67	17.35	17.67	19.7	1.5
100	256QAM	1	1	15.55	15.22	15.42	17.7	3.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.09	20.09	20.20	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.08	20.19	20.16	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.07	20.15	20.15	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	20.11	20.15	20.15	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.13	20.16	20.14	21.2	0.0

Par27Q n77(PC3)_FCC_ANT 13 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	19.91			21.2	0.0
100	PI/2 BPSK	1	137	19.88				
100	PI/2 BPSK	1	271	19.86				
100	PI/2 BPSK	135	0	19.96			21.2	0.0
100	PI/2 BPSK	135	69	19.89			21.2	0.0
100	PI/2 BPSK	135	138	19.78			21.2	0.0
100	PI/2 BPSK	270	0	19.85				
100	QPSK	1	1	20.01			21.2	0.0
100	QPSK	1	137	19.91				
100	QPSK	1	271	19.89				
100	QPSK	135	0	19.88			21.2	0.0
100	QPSK	135	69	19.91				
100	QPSK	135	138	19.79				
100	QPSK	270	0	19.88			21.2	0.0
100	16QAM	1	1	19.91			21.2	0.0
100	64QAM	1	1	19.96			21.2	0.0
100	256QAM	1	1	19.27			20.2	1.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.96	19.88	19.91	21.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	19.84	19.82	19.78	21.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	19.88	19.74	19.84	21.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	19.90	19.81	19.80	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.81	19.83	19.76	21.2	0.0

Par27Q n77(PC2)_FCC_ANT 13 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	22.41			23.7	0.0
100	PI/2 BPSK	1	137	22.38				
100	PI/2 BPSK	1	271	22.36				
100	PI/2 BPSK	135	0	22.46			23.2	0.5
100	PI/2 BPSK	135	69	22.39			23.7	0.0
100	PI/2 BPSK	135	138	22.28			23.2	0.5
100	PI/2 BPSK	270	0	22.35				
100	QPSK	1	1	22.51			23.7	0.0
100	QPSK	1	137	22.41				
100	QPSK	1	271	22.39				
100	QPSK	135	0	22.38			23.7	0.0
100	QPSK	135	69	22.41				
100	QPSK	135	138	22.29				
100	QPSK	270	0	22.38			22.7	1.0
100	16QAM	1	1	22.41			22.7	1.0
100	64QAM	1	1	21.51			22.2	1.5
100	256QAM	1	1	19.32			20.2	3.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.39	22.38	22.42	23.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	22.32	22.30	22.33	23.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	22.25	22.25	22.32	23.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	22.32	22.28	22.27	23.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.34	22.23	22.33	23.7	0.0

Part27O n77(PC3)_FCC_ANT 13 DFT-30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.70	19.84	19.87	21.2	0.0
100	PI/2 BPSK	1	137	19.87	19.96	19.62		
100	PI/2 BPSK	1	271	19.83	19.78	19.73		
100	PI/2 BPSK	135	0	19.88	19.91	19.93	21.2	0.0
100	PI/2 BPSK	135	69	19.57	19.87	19.78	21.2	0.0
100	PI/2 BPSK	135	138	19.23	19.81	19.76	21.2	0.0
100	PI/2 BPSK	270	0	19.57	19.87	19.33		
100	QPSK	1	1	19.71	19.97	19.92	21.2	0.0
100	QPSK	1	137	19.61	19.95	19.71		
100	QPSK	1	271	19.56	19.80	19.53		
100	QPSK	135	0	19.54	19.93	19.72	21.2	0.0
100	QPSK	135	69	19.65	19.96	19.78		
100	QPSK	135	138	19.25	19.80	19.41		
100	QPSK	270	0	19.59	19.87	19.68	21.2	0.0
100	16QAM	1	1	19.78	19.93	19.67	21.2	0.0
100	64QAM	1	1	19.76	19.90	19.66	21.2	0.0
100	256QAM	1	1	18.53	18.76	18.33	20.2	1.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.56	19.88	19.80	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.65	19.85	19.79	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.61	19.82	19.80	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.58	19.92	19.82	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.58	19.90	19.79	21.2	0.0

Part27O n77(PC2)_FCC_ANT 13 DFT-30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.20	22.34	22.37	23.7	0.0
100	PI/2 BPSK	1	137	22.07	22.46	22.12		
100	PI/2 BPSK	1	271	22.03	22.28	21.43		
100	PI/2 BPSK	135	0	21.78	22.41	21.43	23.2	0.5
100	PI/2 BPSK	135	69	22.07	22.37	21.68	23.7	0.0
100	PI/2 BPSK	135	138	21.73	22.31	21.06	23.2	0.5
100	PI/2 BPSK	270	0	22.07	22.37	21.83		
100	QPSK	1	1	22.21	22.47	22.42	23.7	0.0
100	QPSK	1	137	22.11	22.45	22.21		
100	QPSK	1	271	22.06	22.30	21.53		
100	QPSK	135	0	22.04	22.43	21.62	23.7	0.0
100	QPSK	135	69	22.05	22.46	21.68		
100	QPSK	135	138	21.75	22.30	20.91		
100	QPSK	270	0	22.09	22.37	21.40	22.7	1.0
100	16QAM	1	1	22.28	22.43	22.17	22.7	1.0
100	64QAM	1	1	20.74	20.91	20.53	22.2	1.5
100	256QAM	1	1	18.56	18.80	18.35	20.2	3.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.11	22.36	22.27	23.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.09	22.35	22.29	23.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.14	22.37	22.37	23.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	22.12	22.32	22.34	23.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.08	22.40	22.33	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.11	22.10	22.05	24.7	0.0
40	PI/2 BPSK	1	53	22.08	22.08	22.04		
40	PI/2 BPSK	1	104	22.07	22.12	22.03		
40	PI/2 BPSK	50	0	22.02	22.06	22.08	24.2	0.5
40	PI/2 BPSK	50	28	22.00	22.14	22.01	24.7	0.0
40	PI/2 BPSK	50	56	22.04	22.05	22.01	24.2	0.5
40	PI/2 BPSK	100	0	22.02	22.00	22.07		
40	QPSK	1	1	23.65	23.70	23.66	24.7	0.0
40	QPSK	1	53	23.64	23.65	23.65		
40	QPSK	1	104	23.62	23.68	23.60		
40	QPSK	50	0	21.93	22.04	22.03	23.7	1.0
40	QPSK	50	28	22.04	22.05	22.04		
40	QPSK	50	56	22.02	22.03	21.95		
40	QPSK	100	0	21.51	21.75	21.53	23.7	1.0
40	16QAM	1	1	22.51	22.54	22.43	23.7	1.0
40	64QAM	1	1	21.15	21.26	20.89	22.2	2.5
40	256QAM	1	1	19.00	19.05	19.01	20.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.64	23.67	23.60	24.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
20	QPSK	1	1	23.61	23.64	23.63	24.7	0.0

n41(PC3)_FCC_ANT 3 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.02	23.00	23.05	24.2	0.0
100	PI/2 BPSK	1	137	23.04	23.02	23.06		
100	PI/2 BPSK	1	271	23.07	23.05	23.03		
100	PI/2 BPSK	135	0	22.53	22.64	22.60	23.7	0.5
100	PI/2 BPSK	135	69	23.04	23.01	23.02	24.2	0.0
100	PI/2 BPSK	135	138	22.56	22.66	22.50	23.7	0.5
100	PI/2 BPSK	270	0	22.51	22.62	22.49		
100	QPSK	1	1	23.05	23.13	23.03	24.2	0.0
100	QPSK	1	137	23.01	23.05	23.01		
100	QPSK	1	271	23.00	23.04	23.02		
100	QPSK	135	0	22.10	22.08	22.05	24.2	0.0
100	QPSK	135	69	22.99	23.00	22.95		
100	QPSK	135	138	22.03	22.10	22.05		
100	QPSK	270	0	22.03	22.08	22.05	23.2	1.0
100	16QAM	1	1	22.13	22.33	22.30	23.2	1.0
100	64QAM	1	1	20.58	20.77	20.74	21.7	2.5
100	256QAM	1	1	18.40	18.45	18.51	19.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.03	23.03	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.04	23.04	23.05	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.08	23.11	23.04	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.05	23.03	23.05	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.05	23.03	23.09	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.08	23.05	23.07	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.03	23.12	23.10	24.2	0.0

n41(PC2)_FCC_ANT 3 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.53	24.58	24.53	27.2	0.0
100	PI/2 BPSK	1	137	24.58	24.59	24.51		
100	PI/2 BPSK	1	271	24.51	24.67	24.59		
100	PI/2 BPSK	135	0	23.48	23.62	23.51	26.7	0.5
100	PI/2 BPSK	135	69	24.49	24.58	24.51	27.2	0.0
100	PI/2 BPSK	135	138	23.51	23.61	23.51	26.7	0.5
100	PI/2 BPSK	270	0	23.52	23.53	23.50		
100	QPSK	1	1	25.42	25.58	25.41	27.2	0.0
100	QPSK	1	137	25.30	24.63	25.40		
100	QPSK	1	271	24.81	25.53	24.91		
100	QPSK	135	0	23.52	23.55	23.50	26.2	1.0
100	QPSK	135	69	24.81	24.82	24.80		
100	QPSK	135	138	23.41	23.57	23.41		
100	QPSK	270	0	23.46	23.52	23.51	25.2	2.0
100	16QAM	1	1	23.78	24.73	23.62	26.2	1.0
100	64QAM	1	1	22.22	23.25	22.18	24.7	2.5
100	256QAM	1	1	20.48	21.05	20.54	22.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.50	25.57	25.51	27.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.56	25.54	25.53	27.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.50	25.57	25.55	27.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.56	25.49	25.56	27.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.56	25.57	25.48	27.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.48	25.52	25.57	27.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.48	25.54	25.49	27.2	0.0

n41(UL MIMO)_FCC_ANT 3 DFT-30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.02	23.00	23.05	24.2	0.0
100	PI/2 BPSK	1	137	23.04	23.02	23.06		
100	PI/2 BPSK	1	271	23.07	23.05	23.03		
100	PI/2 BPSK	135	0	22.53	22.64	22.60	23.7	0.5
100	PI/2 BPSK	135	69	23.04	23.01	23.02	24.2	0.0
100	PI/2 BPSK	135	138	22.56	22.66	22.50	23.7	0.5
100	PI/2 BPSK	270	0	22.51	22.62	22.49		
100	QPSK	1	1	23.05	23.13	23.03	24.2	0.0
100	QPSK	1	137	23.01	23.05	23.01		
100	QPSK	1	271	23.00	23.04	23.02		
100	QPSK	135	0	22.10	22.08	22.05	24.2	0.0
100	QPSK	135	69	22.99	23.00	22.95		
100	QPSK	135	138	22.03	22.10	22.05		
100	QPSK	270	0	22.03	22.08	22.05	23.2	1.0
100	16QAM	1	1	22.13	22.33	22.30	23.2	1.0
100	64QAM	1	1	20.58	20.77	20.74	21.7	2.5
100	256QAM	1	1	18.40	18.45	18.51	19.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.03	23.03	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.04	23.04	23.05	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.08	23.11	23.04	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.05	23.03	23.05	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.05	23.03	23.09	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.08	23.05	23.07	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.03	23.12	23.10	24.2	0.0

n41(PC2)_FCC_ANT 1 DFT-30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.08	24.05	24.03	25.2	0.0
100	PI/2 BPSK	1	137	24.05	24.01	24.03		
100	PI/2 BPSK	1	271	24.11	24.07	24.10		
100	PI/2 BPSK	135	0	23.98	23.97	23.96	25.2	0.0
100	PI/2 BPSK	135	69	24.02	24.00	23.94	25.2	0.0
100	PI/2 BPSK	135	138	23.98	23.95	23.92	25.2	0.0
100	PI/2 BPSK	270	0	24.03	23.97	23.92		
100	QPSK	1	1	24.25	24.08	24.10	25.2	0.0
100	QPSK	1	137	24.06	23.95	24.03		
100	QPSK	1	271	24.08	24.07	24.07		
100	QPSK	135	0	24.08	23.90	23.92	25.2	0.0
100	QPSK	135	69	24.09	23.91	24.06		
100	QPSK	135	138	23.99	23.89	24.02		
100	QPSK	270	0	24.10	23.95	24.06	25.2	0.0
100	16QAM	1	1	23.21	23.25	23.20	24.7	0.5
100	64QAM	1	1	21.61	21.67	21.71	22.7	2.5
100	256QAM	1	1	19.82	19.98	20.00	20.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.13	24.06	24.12	25.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.08	24.06	24.05	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.07	24.04	24.14	25.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.13	24.07	24.13	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.05	24.05	24.06	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.10	24.11	24.05	25.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.04	24.14	24.09	25.2	0.0

Reduced Power for 5G NR

n2_ANT 2 DFT-15(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.66	18.68	18.59	19.7	0.0
20	PI/2 BPSK	1	53	18.65	18.71	18.67		
20	PI/2 BPSK	1	104	18.74	18.64	18.65		
20	PI/2 BPSK	50	0	18.63	18.66	18.59	19.7	0.0
20	PI/2 BPSK	50	28	18.67	18.67	18.61	19.7	0.0
20	PI/2 BPSK	50	56	18.69	18.66	18.63	19.7	0.0
20	PI/2 BPSK	100	0	18.68	18.72	18.69		
20	QPSK	1	1	18.64	18.75	18.58	19.7	0.0
20	QPSK	1	53	18.57	18.65	18.56		
20	QPSK	1	104	18.42	18.46	18.56		
20	QPSK	50	0	18.45	18.57	18.49	19.7	0.0
20	QPSK	50	28	18.52	18.58	18.53	19.7	0.0
20	QPSK	50	56	18.51	18.49	18.51	19.7	0.0
20	QPSK	100	0	18.47	18.56	18.50		
20	16QAM	1	1	18.58	18.61	18.59	19.7	0.0
20	64QAM	1	1	18.53	18.59	18.54	19.7	0.0
20	256QAM	1	1	18.63	18.61	18.60	19.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.50	18.60	18.48	19.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.52	18.64	18.46	19.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.52	18.67	18.53	19.7	0.0

n5_ANT 0 DFT-15(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.48	21.68	21.55	24.2	0.0
20	PI/2 BPSK	1	53	21.46	21.62	21.52		
20	PI/2 BPSK	1	104	21.44	21.60	21.46		
20	PI/2 BPSK	50	0	21.51	21.58	21.47	23.7	0.5
20	PI/2 BPSK	50	28	21.47	21.64	21.41	24.2	0.0
20	PI/2 BPSK	50	56	21.42	21.57	21.43	23.7	0.5
20	PI/2 BPSK	100	0	21.47	21.65	21.43		
20	QPSK	1	1	23.06	23.15	23.12	24.2	0.0
20	QPSK	1	53	23.02	23.05	23.10		
20	QPSK	1	104	23.01	23.06	23.07		
20	QPSK	50	0	22.06	22.05	21.99	23.2	1.0
20	QPSK	50	28	22.99	23.00	22.95	24.2	0.0
20	QPSK	50	56	21.95	21.98	21.96	23.2	1.0
20	QPSK	100	0	21.99	22.00	21.91		
20	16QAM	1	1	22.24	22.28	21.96	23.2	1.0
20	64QAM	1	1	20.73	20.70	20.81	21.7	2.5
20	256QAM	1	1	18.61	18.58	18.69	19.7	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.07	23.14	23.11	24.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.13	23.05	23.12	24.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.07	23.12	23.13	24.2	0.0

n7_ANT 2 DFT-15(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.99	18.95	18.96	20.2	0.0
20	PI/2 BPSK	1	53	19.04	19.02	18.97		
20	PI/2 BPSK	1	104	19.01	19.00	18.95		
20	PI/2 BPSK	50	0	19.01	19.01	18.96	20.2	0.0
20	PI/2 BPSK	50	28	19.03	19.04	18.98	20.2	0.0
20	PI/2 BPSK	50	56	18.99	19.03	18.82	20.2	0.0
20	PI/2 BPSK	100	0	18.95	19.00	18.88		
20	QPSK	1	1	18.85	19.07	18.78	20.2	0.0
20	QPSK	1	53	18.79	18.81	18.76		
20	QPSK	1	104	18.78	18.80	18.77		
20	QPSK	50	0	18.74	18.75	18.67	20.2	0.0
20	QPSK	50	28	18.76	18.83	18.69	20.2	0.0
20	QPSK	50	56	18.70	18.72	18.64	20.2	0.0
20	QPSK	100	0	18.71	18.74	18.62		
20	16QAM	1	1	18.91	18.86	18.85	20.2	0.0
20	64QAM	1	1	18.86	18.81	18.80	20.2	0.0
20	256QAM	1	1	18.27	18.26	18.19	19.7	0.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.95	18.97	18.99	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.97	19.04	19.00	20.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.97	18.96	19.00	20.2	0.0

n25_ANT 2 DFT-15(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.70	18.74	18.68	19.7	0.0
40	PI/2 BPSK	1	108	18.71	18.74	18.77		
40	PI/2 BPSK	1	214	18.77	18.72	18.69		
40	PI/2 BPSK	108	0	18.70	18.70	18.69	19.7	0.0
40	PI/2 BPSK	108	54	18.74	18.71	18.69	19.7	0.0
40	PI/2 BPSK	108	108	18.74	18.70	18.70	19.7	0.0
40	PI/2 BPSK	216	0	18.77	18.75	18.77		
40	QPSK	1	1	18.67	18.80	18.65	19.7	0.0
40	QPSK	1	108	18.64	18.69	18.63		
40	QPSK	1	214	18.46	18.52	18.60		
40	QPSK	108	0	18.55	18.60	18.56	19.7	0.0
40	QPSK	108	54	18.58	18.61	18.57	19.7	0.0
40	QPSK	108	108	18.56	18.57	18.55	19.7	0.0
40	QPSK	216	0	18.57	18.60	18.57		
40	16QAM	1	1	18.66	18.69	18.67	19.7	0.0
40	64QAM	1	1	18.59	18.67	18.60	19.7	0.0
40	256QAM	1	1	18.72	18.68	18.65	19.7	0.0
Channel				372000	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.77	18.70	18.73	19.7	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.70	18.73	18.68	19.7	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.68	18.72	18.77	19.7	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.71	18.72	18.71	19.7	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.69	18.75	18.77	19.7	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.72	18.68	18.72	19.7	0.0

n30_ANT 2 DFT-15(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		21.94		23.2	0.0
10	PI/2 BPSK	1	26		21.89			
10	PI/2 BPSK	1	50		21.89			
10	PI/2 BPSK	25	0		21.87		23.2	0.0
10	PI/2 BPSK	25	14		21.89		23.2	0.0
10	PI/2 BPSK	25	27		21.86		23.2	0.0
10	PI/2 BPSK	50	0		21.88			
10	QPSK	1	1		21.97		23.2	0.0
10	QPSK	1	26		21.82			
10	QPSK	1	50		21.83			
10	QPSK	25	0		21.58		23.2	0.0
10	QPSK	25	14		21.95		23.2	0.0
10	QPSK	25	27		21.54		22.7	0.5
10	QPSK	50	0		21.56			
10	16QAM	1	1		21.56		22.7	0.5
10	64QAM	1	1		21.53		22.7	0.5
10	256QAM	1	1		19.45		20.7	2.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	21.87	21.89	21.90	23.2	0.0

n66_ANT 2 DFT-15(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.37	20.29	20.30	21.2	0.0
40	PI/2 BPSK	1	108	20.37	20.38	20.35		
40	PI/2 BPSK	1	214	20.32	20.37	20.34		
40	PI/2 BPSK	108	0	20.37	20.36	20.32	21.2	0.0
40	PI/2 BPSK	108	54	20.34	20.38	20.37	21.2	0.0
40	PI/2 BPSK	108	108	20.38	20.37	20.35	21.2	0.0
40	PI/2 BPSK	216	0	20.31	20.35	20.38		
40	QPSK	1	1	20.27	20.41	20.31	21.2	0.0
40	QPSK	1	108	20.26	20.29	20.22		
40	QPSK	1	214	20.23	20.25	20.12		
40	QPSK	108	0	20.14	20.16	20.24	21.2	0.0
40	QPSK	108	54	20.22	20.31	20.28	21.2	0.0
40	QPSK	108	108	20.21	20.30	20.24	21.2	0.0
40	QPSK	216	0	20.23	20.27	20.25		
40	16QAM	1	1	20.24	20.25	20.29	21.2	0.0
40	64QAM	1	1	20.22	20.15	20.28	21.2	0.0
40	256QAM	1	1	19.71	19.77	19.73	20.7	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.34	20.36	20.37	21.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.29	20.29	20.32	21.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.36	20.30	20.36	21.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.31	20.38	20.34	21.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.33	20.32	20.31	21.2	0.0

n66_ANT 5 DFT-15(DSI5)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.61	15.68	15.66	16.7	0.0
40	PI/2 BPSK	1	108	15.65	15.67	15.63		
40	PI/2 BPSK	1	214	15.64	15.67	15.62		
40	PI/2 BPSK	108	0	15.68	15.62	15.61	16.7	0.0
40	PI/2 BPSK	108	54	15.66	15.69	15.64	16.7	0.0
40	PI/2 BPSK	108	108	15.68	15.63	15.69	16.7	0.0
40	PI/2 BPSK	216	0	15.63	15.68	15.63		
40	QPSK	1	1	15.56	15.62	15.73	16.7	0.0
40	QPSK	1	108	15.51	15.53	15.56		
40	QPSK	1	214	15.54	15.55	15.57		
40	QPSK	108	0	15.49	15.55	15.57	16.7	0.0
40	QPSK	108	54	15.56	15.58	15.61	16.7	0.0
40	QPSK	108	108	15.54	15.56	15.57	16.7	0.0
40	QPSK	216	0	15.58	15.55	15.59		
40	16QAM	1	1	15.63	15.64	15.69	16.7	0.0
40	64QAM	1	1	15.58	15.68	15.68	16.7	0.0
40	256QAM	1	1	15.49	15.52	15.54	16.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.65	15.69	15.64	16.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.67	15.62	15.63	16.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.68	15.63	15.66	16.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.65	15.64	15.69	16.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.68	15.68	15.68	16.7	0.0

n71_ANT 0 DFT-15(DSI5)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.65	21.75	21.58	24.4	0.0
20	PI/2 BPSK	1	53	21.69	21.65	21.59		
20	PI/2 BPSK	1	104	21.68	21.58	21.54		
20	PI/2 BPSK	50	0	21.66	21.61	21.52	23.9	0.5
20	PI/2 BPSK	50	28	21.65	21.55	21.53	24.4	0.0
20	PI/2 BPSK	50	56	21.55	21.53	21.58	23.9	0.5
20	PI/2 BPSK	100	0	21.61	21.52	21.56		
20	QPSK	1	1	23.31	23.35	23.33	24.4	0.0
20	QPSK	1	53	23.30	23.30	23.30		
20	QPSK	1	104	23.25	23.22	23.31		
20	QPSK	50	0	22.20	22.30	22.19	23.4	1.0
20	QPSK	50	28	23.21	23.22	23.20	24.4	0.0
20	QPSK	50	56	22.20	22.22	22.18	23.4	1.0
20	QPSK	100	0	22.21	22.23	22.22		
20	16QAM	1	1	22.24	22.21	22.32	23.4	1.0
20	64QAM	1	1	20.85	20.86	20.80	21.9	2.5
20	256QAM	1	1	18.72	18.71	18.75	19.9	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.29	23.29	23.31	24.4	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.28	23.30	23.30	24.4	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.32	23.26	23.32	24.4	0.0

n2_ANT 2 DFT-15(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.47	17.53	17.49	18.7	0.0
20	PI/2 BPSK	1	53	17.50	17.61	17.60		
20	PI/2 BPSK	1	104	17.56	17.50	17.47		
20	PI/2 BPSK	50	0	17.49	17.52	17.51	18.7	0.0
20	PI/2 BPSK	50	28	17.52	17.50	17.49	18.7	0.0
20	PI/2 BPSK	50	56	17.61	17.41	17.50	18.7	0.0
20	PI/2 BPSK	100	0	17.56	17.48	17.61		
20	QPSK	1	1	17.65	17.69	17.62	18.7	0.0
20	QPSK	1	53	17.62	17.61	17.61		
20	QPSK	1	104	17.43	17.44	17.50		
20	QPSK	50	0	17.44	17.50	17.51	18.7	0.0
20	QPSK	50	28	17.51	17.55	17.52	18.7	0.0
20	QPSK	50	56	17.47	17.46	17.50	18.7	0.0
20	QPSK	100	0	17.48	17.53	17.47		
20	16QAM	1	1	17.64	17.63	17.58	18.7	0.0
20	64QAM	1	1	17.54	17.61	17.56	18.7	0.0
20	256QAM	1	1	17.64	17.64	17.50	18.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.53	17.54	17.57	18.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.53	17.63	17.54	18.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.55	17.62	17.48	18.7	0.0

n5_ANT 0 DFT-15(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.77	21.87	21.75	23.2	0.0
20	PI/2 BPSK	1	53	21.75	21.77	21.71		
20	PI/2 BPSK	1	104	21.66	21.75	21.70		
20	PI/2 BPSK	50	0	21.73	21.72	21.68	23.2	0.0
20	PI/2 BPSK	50	28	21.78	21.75	21.70	23.2	0.0
20	PI/2 BPSK	50	56	21.68	21.71	21.76	23.2	0.0
20	PI/2 BPSK	100	0	21.71	21.67	21.72		
20	QPSK	1	1	22.33	22.35	22.31	23.2	0.0
20	QPSK	1	53	22.24	22.21	22.20		
20	QPSK	1	104	22.23	22.26	22.16		
20	QPSK	50	0	21.76	21.81	21.69	23.2	0.0
20	QPSK	50	28	22.18	22.23	22.22	23.2	0.0
20	QPSK	50	56	21.69	21.76	21.72	22.7	0.5
20	QPSK	100	0	21.75	21.77	21.74		
20	16QAM	1	1	22.00	21.77	22.00	22.7	0.5
20	64QAM	1	1	20.53	20.52	20.48	21.7	1.5
20	256QAM	1	1	18.34	18.41	18.32	19.7	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.27	22.23	22.28	23.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.26	22.23	22.28	23.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.23	22.24	22.30	23.2	0.0

n7_ANT 2 DFT-15(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.53	18.48	18.47	19.7	0.0
20	PI/2 BPSK	1	53	18.56	18.47	18.48		
20	PI/2 BPSK	1	104	18.55	18.50	18.42		
20	PI/2 BPSK	50	0	18.55	18.49	18.43	19.7	0.0
20	PI/2 BPSK	50	28	18.46	18.47	18.52	19.7	0.0
20	PI/2 BPSK	50	56	18.44	18.47	18.27	19.7	0.0
20	PI/2 BPSK	100	0	18.50	18.53	18.34		
20	QPSK	1	1	18.38	18.59	18.33	19.7	0.0
20	QPSK	1	53	18.24	18.35	18.25		
20	QPSK	1	104	18.33	18.30	18.31		
20	QPSK	50	0	18.27	18.22	18.21	19.7	0.0
20	QPSK	50	28	18.28	18.38	18.25	19.7	0.0
20	QPSK	50	56	18.21	18.25	18.11	19.7	0.0
20	QPSK	100	0	18.25	18.26	18.13		
20	16QAM	1	1	18.38	18.35	18.38	19.7	0.0
20	64QAM	1	1	18.40	18.27	18.35	19.7	0.0
20	256QAM	1	1	18.37	18.18	18.32	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.33	18.41	18.14	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.25	18.40	18.20	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.29	18.41	18.16	19.7	0.0

n25_ANT 2 DFT-15(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	17.50	17.60	17.57	18.7	0.0
40	PI/2 BPSK	1	108	17.58	17.64	17.67		
40	PI/2 BPSK	1	214	17.60	17.54	17.54		
40	PI/2 BPSK	108	0	17.57	17.60	17.55	18.7	0.0
40	PI/2 BPSK	108	54	17.62	17.57	17.54	18.7	0.0
40	PI/2 BPSK	108	108	17.64	17.50	17.59	18.7	0.0
40	PI/2 BPSK	216	0	17.60	17.57	17.64		
40	QPSK	1	1	17.72	17.76	17.67	18.7	0.0
40	QPSK	1	108	17.69	17.66	17.65		
40	QPSK	1	214	17.51	17.54	17.56		
40	QPSK	108	0	17.51	17.64	17.59	18.7	0.0
40	QPSK	108	54	17.59	17.67	17.62	18.7	0.0
40	QPSK	108	108	17.52	17.54	17.60	18.7	0.0
40	QPSK	216	0	17.54	17.62	17.52		
40	16QAM	1	1	17.67	17.73	17.65	18.7	0.0
40	64QAM	1	1	17.64	17.65	17.62	18.7	0.0
40	256QAM	1	1	17.72	17.67	17.60	18.7	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	17.59	17.63	17.54	18.7	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	17.61	17.63	17.59	18.7	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.61	17.62	17.54	18.7	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.65	17.63	17.56	18.7	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.65	17.61	17.52	18.7	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.59	17.68	17.60	18.7	0.0

n30_ANT 2 DFT-15(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		20.94		22.2	0.0
10	PI/2 BPSK	1	26		20.94			
10	PI/2 BPSK	1	50		20.93			
10	PI/2 BPSK	25	0		20.87		22.2	0.0
10	PI/2 BPSK	25	14		20.91		22.2	0.0
10	PI/2 BPSK	25	27		20.88		22.2	0.0
10	PI/2 BPSK	50	0		20.83			
10	QPSK	1	1		21.02		22.2	0.0
10	QPSK	1	26		20.85			
10	QPSK	1	50		20.84			
10	QPSK	25	0		20.83		22.2	0.0
10	QPSK	25	14		20.91		22.2	0.0
10	QPSK	25	27		20.81		22.2	0.0
10	QPSK	50	0		20.86			
10	16QAM	1	1		20.85		22.2	0.0
10	64QAM	1	1		20.85		22.2	0.0
10	256QAM	1	1		19.42		20.2	2.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	20.97	20.94	20.90	22.2	0.0

n66_ANT 2 DFT-15(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.80	19.72	19.70	20.7	0.0
40	PI/2 BPSK	1	108	19.77	19.79	19.82		
40	PI/2 BPSK	1	214	19.74	19.82	19.75		
40	PI/2 BPSK	108	0	19.81	19.80	19.78	20.7	0.0
40	PI/2 BPSK	108	54	19.79	19.81	19.80	20.7	0.0
40	PI/2 BPSK	108	108	19.80	19.79	19.79	20.7	0.0
40	PI/2 BPSK	216	0	19.78	19.76	19.80		
40	QPSK	1	1	19.77	19.83	19.74	20.7	0.0
40	QPSK	1	108	19.70	19.72	19.65		
40	QPSK	1	214	19.69	19.66	19.53		
40	QPSK	108	0	19.60	19.63	19.60	20.7	0.0
40	QPSK	108	54	19.67	19.72	19.63	20.7	0.0
40	QPSK	108	108	19.66	19.70	19.61	20.7	0.0
40	QPSK	216	0	19.68	19.71	19.68		
40	16QAM	1	1	19.71	19.68	19.71	20.7	0.0
40	64QAM	1	1	19.63	19.56	19.71	20.7	0.0
40	256QAM	1	1	19.64	19.68	19.66	20.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.72	19.72	19.69	20.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.70	19.77	19.67	20.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.70	19.77	19.64	20.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.72	19.77	19.65	20.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.69	19.73	19.64	20.7	0.0

n66_ANT 5 DFT-15(DSI10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	14.56	14.51	14.53	15.7	0.0
40	PI/2 BPSK	1	108	14.48	14.61	14.51		
40	PI/2 BPSK	1	214	14.64	14.59	14.55		
40	PI/2 BPSK	108	0	14.56	14.57	14.64	15.7	0.0
40	PI/2 BPSK	108	54	14.59	14.60	14.65	15.7	0.0
40	PI/2 BPSK	108	108	14.53	14.51	14.66	15.7	0.0
40	PI/2 BPSK	216	0	14.59	14.51	14.56		
40	QPSK	1	1	14.48	14.65	14.68	15.7	0.0
40	QPSK	1	108	14.63	14.61	14.55		
40	QPSK	1	214	14.51	14.67	14.55		
40	QPSK	108	0	14.51	14.49	14.52	15.7	0.0
40	QPSK	108	54	14.57	14.64	14.67	15.7	0.0
40	QPSK	108	108	14.62	14.61	14.55	15.7	0.0
40	QPSK	216	0	14.64	14.60	14.65		
40	16QAM	1	1	14.58	14.57	14.57	15.7	0.0
40	64QAM	1	1	14.55	14.59	14.62	15.7	0.0
40	256QAM	1	1	14.60	14.61	14.59	15.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	14.37	14.59	14.56	15.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	14.34	14.55	14.63	15.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	14.41	14.59	14.57	15.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	14.38	14.54	14.57	15.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	14.42	14.57	14.62	15.7	0.0

n71_ANT 0 DFT-15(DSI10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.65	21.75	21.58	24.4	0.0
20	PI/2 BPSK	1	53	21.69	21.65	21.59		
20	PI/2 BPSK	1	104	21.68	21.58	21.54		
20	PI/2 BPSK	50	0	21.66	21.61	21.52	23.9	0.5
20	PI/2 BPSK	50	28	21.65	21.55	21.53	24.4	0.0
20	PI/2 BPSK	50	56	21.55	21.53	21.58	23.9	0.5
20	PI/2 BPSK	100	0	21.61	21.52	21.56		
20	QPSK	1	1	23.31	23.35	23.33	24.4	0.0
20	QPSK	1	53	23.30	23.30	23.30		
20	QPSK	1	104	23.25	23.22	23.31		
20	QPSK	50	0	22.20	22.30	22.19	23.4	1.0
20	QPSK	50	28	23.21	23.22	23.20	24.4	0.0
20	QPSK	50	56	22.20	22.22	22.18	23.4	1.0
20	QPSK	100	0	22.21	22.23	22.22		
20	16QAM	1	1	22.24	22.21	22.32	23.4	1.0
20	64QAM	1	1	20.85	20.86	20.80	21.9	2.5
20	256QAM	1	1	18.72	18.71	18.75	19.9	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.29	23.29	23.31	24.4	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.28	23.30	23.30	24.4	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.32	23.26	23.32	24.4	0.0

n2_ANT 2 DFT-15(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.00	23.11	23.07	25.2	0.0
20	PI/2 BPSK	1	53	23.01	23.10	23.02		
20	PI/2 BPSK	1	104	23.04	23.08	22.97		
20	PI/2 BPSK	50	0	22.95	23.10	22.98	24.7	0.5
20	PI/2 BPSK	50	28	23.05	23.09	22.95	25.2	0.0
20	PI/2 BPSK	50	56	22.99	23.06	22.93	24.7	0.5
20	PI/2 BPSK	100	0	22.92	23.08	22.95		
20	QPSK	1	1	23.57	23.61	23.59	25.2	0.0
20	QPSK	1	53	23.55	23.52	23.57		
20	QPSK	1	104	23.55	23.53	23.53		
20	QPSK	50	0	22.56	22.32	22.33	24.2	1.0
20	QPSK	50	28	23.17	23.21	23.18	25.2	0.0
20	QPSK	50	56	22.86	22.21	22.69	24.2	1.0
20	QPSK	100	0	22.19	22.20	22.18		
20	16QAM	1	1	22.22	22.55	22.21	24.2	1.0
20	64QAM	1	1	20.78	20.95	20.71	22.7	2.5
20	256QAM	1	1	19.13	19.28	19.22	20.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.54	23.60	23.57	25.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.42	23.52	23.39	25.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.44	23.46	23.35	25.2	0.0

n5_ANT 0 DFT-15(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.48	21.68	21.55	24.2	0.0
20	PI/2 BPSK	1	53	21.46	21.62	21.52		
20	PI/2 BPSK	1	104	21.44	21.60	21.46		
20	PI/2 BPSK	50	0	21.51	21.58	21.47	23.7	0.5
20	PI/2 BPSK	50	28	21.47	21.64	21.41	24.2	0.0
20	PI/2 BPSK	50	56	21.42	21.57	21.43	23.7	0.5
20	PI/2 BPSK	100	0	21.47	21.65	21.43		
20	QPSK	1	1	23.06	23.15	23.12	24.2	0.0
20	QPSK	1	53	23.02	23.05	23.10		
20	QPSK	1	104	23.01	23.06	23.07		
20	QPSK	50	0	22.06	22.05	21.99	23.2	1.0
20	QPSK	50	28	22.99	23.00	22.95	24.2	0.0
20	QPSK	50	56	21.95	21.98	21.96	23.2	1.0
20	QPSK	100	0	21.99	22.00	21.91		
20	16QAM	1	1	22.24	22.28	21.96	23.2	1.0
20	64QAM	1	1	20.73	20.70	20.81	21.7	2.5
20	256QAM	1	1	18.61	18.58	18.69	19.7	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.07	23.14	23.11	24.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.13	23.05	23.12	24.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.07	23.12	23.13	24.2	0.0

n7_ANT 2 DFT-15(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.48	22.44	22.28	24.2	0.0
20	PI/2 BPSK	1	53	22.44	22.39	22.37		
20	PI/2 BPSK	1	104	22.43	22.35	22.35		
20	PI/2 BPSK	50	0	22.41	22.41	22.23	23.7	0.5
20	PI/2 BPSK	50	28	22.45	22.39	22.34	24.2	0.0
20	PI/2 BPSK	50	56	22.46	22.36	22.31	23.7	0.5
20	PI/2 BPSK	100	0	22.40	22.38	22.30		
20	QPSK	1	1	23.01	23.04	22.92	24.2	0.0
20	QPSK	1	53	22.96	22.98	22.89		
20	QPSK	1	104	23.00	22.94	22.74		
20	QPSK	50	0	21.83	22.34	22.25	23.2	1.0
20	QPSK	50	28	22.60	22.91	22.81	24.2	0.0
20	QPSK	50	56	21.97	21.92	21.71	23.2	1.0
20	QPSK	100	0	21.88	22.13	22.08		
20	16QAM	1	1	21.48	22.19	22.22	23.2	1.0
20	64QAM	1	1	20.01	20.61	20.79	21.7	2.5
20	256QAM	1	1	18.25	18.59	19.07	19.7	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.01	22.96	22.95	24.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.82	22.79	22.76	24.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.79	22.74	24.2	0.0

n25_ANT 2 DFT-15(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.99	22.95	23.03	25.2	0.0
40	PI/2 BPSK	1	108	23.00	23.09	23.05		
40	PI/2 BPSK	1	214	23.07	22.96	22.99		
40	PI/2 BPSK	108	0	23.02	23.01	23.07	24.7	0.5
40	PI/2 BPSK	108	54	23.03	23.00	23.02	25.2	0.0
40	PI/2 BPSK	108	108	23.11	23.07	23.03	24.7	0.5
40	PI/2 BPSK	216	0	23.08	22.96	23.08		
40	QPSK	1	1	23.99	24.10	24.05	25.2	0.0
40	QPSK	1	108	23.89	24.07	24.00		
40	QPSK	1	214	23.98	24.01	23.52		
40	QPSK	108	0	23.39	23.13	23.12	24.2	1.0
40	QPSK	108	54	23.89	23.90	23.88	25.2	0.0
40	QPSK	108	108	23.12	23.15	23.25	24.2	1.0
40	QPSK	216	0	22.76	22.78	22.77		
40	16QAM	1	1	22.93	23.33	23.29	24.2	1.0
40	64QAM	1	1	21.57	21.71	21.99	22.7	2.5
40	256QAM	1	1	19.92	19.93	20.50	20.7	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.05	24.07	24.08	25.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.07	24.08	24.03	25.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.08	24.03	23.93	25.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.09	24.04	23.98	25.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.85	23.88	23.80	25.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.87	23.91	23.72	25.2	0.0

n30_ANT 2 DFT-15(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.00		24.7	0.0
10	PI/2 BPSK	1	26		23.05			
10	PI/2 BPSK	1	50		22.99			
10	PI/2 BPSK	25	0		22.45		24.2	0.5
10	PI/2 BPSK	25	14		22.92		24.7	0.0
10	PI/2 BPSK	25	27		22.40		24.2	0.5
10	PI/2 BPSK	50	0		22.25			
10	QPSK	1	1		23.56		24.7	0.0
10	QPSK	1	26		23.52			
10	QPSK	1	50		23.54			
10	QPSK	25	0		22.41		23.7	1.0
10	QPSK	25	14		23.54		24.7	0.0
10	QPSK	25	27		22.34		23.7	1.0
10	QPSK	50	0		22.38			
10	16QAM	1	1		22.35		23.7	1.0
10	64QAM	1	1		21.41		22.2	2.5
10	256QAM	1	1		19.05		20.2	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.41	23.51	23.47	24.7	0.0

n66_ANT 2 DFT-15(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.64	22.67	22.78	25.2	0.0
40	PI/2 BPSK	1	108	22.73	22.78	22.76		
40	PI/2 BPSK	1	214	22.86	22.73	22.62		
40	PI/2 BPSK	108	0	22.26	22.22	22.29	24.7	0.5
40	PI/2 BPSK	108	54	22.72	22.78	22.79	25.2	0.0
40	PI/2 BPSK	108	108	22.34	22.33	22.27	24.7	0.5
40	PI/2 BPSK	216	0	22.28	22.34	22.22		
40	QPSK	1	1	24.26	24.29	24.28	25.2	0.0
40	QPSK	1	108	24.21	24.25	24.17		
40	QPSK	1	214	24.24	24.12	24.14		
40	QPSK	108	0	23.05	23.27	23.17	24.2	1.0
40	QPSK	108	54	24.23	24.26	23.91	25.2	0.0
40	QPSK	108	108	23.33	24.02	23.07	24.2	1.0
40	QPSK	216	0	23.26	23.29	23.12		
40	16QAM	1	1	22.84	23.38	23.18	24.2	1.0
40	64QAM	1	1	21.43	21.83	21.84	22.7	2.5
40	256QAM	1	1	19.61	19.67	19.68	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.23	24.28	24.27	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.23	24.25	24.23	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.24	24.25	24.23	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.27	24.21	24.26	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.25	24.20	24.26	25.2	0.0

n66_ANT 5 DFT-15(DSI9&14)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.80	18.90	18.97	20.2	0.0
40	PI/2 BPSK	1	108	18.84	18.89	18.95		
40	PI/2 BPSK	1	214	18.81	18.92	19.00		
40	PI/2 BPSK	108	0	18.66	18.71	18.75	20.2	0.0
40	PI/2 BPSK	108	54	18.82	18.95	18.93	20.2	0.0
40	PI/2 BPSK	108	108	18.82	18.90	19.00	20.2	0.0
40	PI/2 BPSK	216	0	18.62	18.75	18.76		
40	QPSK	1	1	18.89	18.99	19.03	20.2	0.0
40	QPSK	1	108	18.85	18.93	18.99		
40	QPSK	1	214	18.66	18.74	18.78		
40	QPSK	108	0	18.80	18.90	18.96	20.2	0.0
40	QPSK	108	54	18.86	18.93	19.00	20.2	0.0
40	QPSK	108	108	18.63	18.76	18.73	20.2	0.0
40	QPSK	216	0	18.84	18.94	19.00		
40	16QAM	1	1	18.79	18.91	18.93	20.2	0.0
40	64QAM	1	1	18.85	18.89	18.96	20.2	0.0
40	256QAM	1	1	18.81	18.94	18.97	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.83	18.94	18.95	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.80	18.96	19.00	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.85	18.92	18.99	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.80	18.91	18.94	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.85	18.89	18.99	20.2	0.0

n71_ANT 0 DFT-15(DSI9&14)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.65	21.75	21.58	24.4	0.0
20	PI/2 BPSK	1	53	21.69	21.65	21.59		
20	PI/2 BPSK	1	104	21.68	21.58	21.54		
20	PI/2 BPSK	50	0	21.66	21.61	21.52	23.9	0.5
20	PI/2 BPSK	50	28	21.65	21.55	21.53	24.4	0.0
20	PI/2 BPSK	50	56	21.55	21.53	21.58	23.9	0.5
20	PI/2 BPSK	100	0	21.61	21.52	21.56		
20	QPSK	1	1	23.31	23.35	23.33	24.4	0.0
20	QPSK	1	53	23.30	23.30	23.30		
20	QPSK	1	104	23.25	23.22	23.31		
20	QPSK	50	0	22.20	22.30	22.19	23.4	1.0
20	QPSK	50	28	23.21	23.22	23.20	24.4	0.0
20	QPSK	50	56	22.20	22.22	22.18	23.4	1.0
20	QPSK	100	0	22.21	22.23	22.22		
20	16QAM	1	1	22.24	22.21	22.32	23.4	1.0
20	64QAM	1	1	20.85	20.86	20.80	21.9	2.5
20	256QAM	1	1	18.72	18.71	18.75	19.9	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.29	23.29	23.31	24.4	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.28	23.30	23.30	24.4	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.32	23.26	23.32	24.4	0.0

n2_ANT 2 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.57	21.60	21.51	22.7	0.0
20	PI/2 BPSK	1	53	21.54	21.55	21.45		
20	PI/2 BPSK	1	104	21.52	21.61	21.37		
20	PI/2 BPSK	50	0	21.45	21.45	21.40	22.7	0.0
20	PI/2 BPSK	50	28	21.47	21.44	21.39	22.7	0.0
20	PI/2 BPSK	50	56	21.43	21.43	21.37	22.7	0.0
20	PI/2 BPSK	100	0	21.46	21.48	21.38		
20	QPSK	1	1	21.61	21.63	21.56	22.7	0.0
20	QPSK	1	53	21.59	21.56	21.49		
20	QPSK	1	104	21.54	21.59	21.46		
20	QPSK	50	0	21.45	21.46	21.41	22.7	0.0
20	QPSK	50	28	21.46	21.49	21.42	22.7	0.0
20	QPSK	50	56	21.43	21.44	21.37	22.7	0.0
20	QPSK	100	0	21.43	21.45	21.38		
20	16QAM	1	1	21.43	21.46	21.46	22.7	0.0
20	64QAM	1	1	21.02	20.85	20.79	21.7	1.0
20	256QAM	1	1	19.35	19.14	19.21	20.7	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.55	21.55	21.54	22.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.53	21.55	21.51	22.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.59	21.60	21.57	22.7	0.0

n5_ANT 0 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.77	21.87	21.75	23.2	0.0
20	PI/2 BPSK	1	53	21.75	21.77	21.71		
20	PI/2 BPSK	1	104	21.66	21.75	21.70		
20	PI/2 BPSK	50	0	21.73	21.72	21.68	23.2	0.0
20	PI/2 BPSK	50	28	21.78	21.75	21.70	23.2	0.0
20	PI/2 BPSK	50	56	21.68	21.71	21.76	23.2	0.0
20	PI/2 BPSK	100	0	21.71	21.67	21.72		
20	QPSK	1	1	22.33	22.35	22.31	23.2	0.0
20	QPSK	1	53	22.24	22.21	22.20		
20	QPSK	1	104	22.23	22.26	22.16		
20	QPSK	50	0	21.76	21.81	21.69	23.2	0.0
20	QPSK	50	28	22.18	22.23	22.22	23.2	0.0
20	QPSK	50	56	21.69	21.76	21.72	22.7	0.5
20	QPSK	100	0	21.75	21.77	21.74		
20	16QAM	1	1	22.00	21.77	22.00	22.7	0.5
20	64QAM	1	1	20.53	20.52	20.48	21.7	1.5
20	256QAM	1	1	18.34	18.41	18.32	19.7	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.27	22.23	22.28	23.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.26	22.23	22.28	23.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.23	22.24	22.30	23.2	0.0

n7_ANT 2 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.58	19.56	19.49	20.7	0.0
20	PI/2 BPSK	1	53	19.53	19.51	19.39		
20	PI/2 BPSK	1	104	19.48	19.53	19.45		
20	PI/2 BPSK	50	0	19.52	19.50	19.40	20.7	0.0
20	PI/2 BPSK	50	28	19.50	19.48	19.39	20.7	0.0
20	PI/2 BPSK	50	56	19.43	19.46	19.34	20.7	0.0
20	PI/2 BPSK	100	0	19.40	19.51	19.42		
20	QPSK	1	1	19.52	19.61	19.51	20.7	0.0
20	QPSK	1	53	19.51	19.58	19.49		
20	QPSK	1	104	19.51	19.57	19.50		
20	QPSK	50	0	19.39	19.51	19.35	20.7	0.0
20	QPSK	50	28	19.49	19.52	19.40	20.7	0.0
20	QPSK	50	56	19.48	19.48	19.37	20.7	0.0
20	QPSK	100	0	19.39	19.50	19.39		
20	16QAM	1	1	19.56	19.58	19.54	20.7	0.0
20	64QAM	1	1	19.47	19.52	19.45	20.7	0.0
20	256QAM	1	1	18.32	18.42	18.29	19.7	1.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.57	19.58	19.55	20.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.52	19.53	19.57	20.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.49	19.52	19.57	20.7	0.0

n25_ANT 2 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.64	21.65	21.62	22.7	0.0
40	PI/2 BPSK	1	108	21.65	21.61	21.63		
40	PI/2 BPSK	1	214	21.59	21.63	21.51		
40	PI/2 BPSK	108	0	21.62	21.59	21.57	22.7	0.0
40	PI/2 BPSK	108	54	21.65	21.60	21.54	22.7	0.0
40	PI/2 BPSK	108	108	21.59	21.57	21.62	22.7	0.0
40	PI/2 BPSK	216	0	21.59	21.61	21.58		
40	QPSK	1	1	21.63	21.69	21.63	22.7	0.0
40	QPSK	1	108	21.61	21.65	21.57		
40	QPSK	1	214	21.53	21.64	21.56		
40	QPSK	108	0	21.58	21.58	21.55	22.7	0.0
40	QPSK	108	54	21.60	21.63	21.56	22.7	0.0
40	QPSK	108	108	21.57	21.61	21.53	22.7	0.0
40	QPSK	216	0	21.60	21.62	21.54		
40	16QAM	1	1	21.58	21.54	21.56	22.7	0.0
40	64QAM	1	1	21.58	21.56	21.55	22.7	0.0
40	256QAM	1	1	19.30	19.22	19.31	20.7	2.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.64	21.62	21.61	22.7	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.65	21.57	21.65	22.7	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.60	21.66	21.59	22.7	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.62	21.66	21.60	22.7	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.66	21.63	21.59	22.7	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.63	21.66	21.62	22.7	0.0

n30_ANT 2 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.00		24.7	0.0
10	PI/2 BPSK	1	26		23.05			
10	PI/2 BPSK	1	50		22.99			
10	PI/2 BPSK	25	0		22.45		24.2	0.5
10	PI/2 BPSK	25	14		22.92		24.7	0.0
10	PI/2 BPSK	25	27		22.40		24.2	0.5
10	PI/2 BPSK	50	0		22.25			
10	QPSK	1	1		23.56		24.7	0.0
10	QPSK	1	26		23.52			
10	QPSK	1	50		23.54			
10	QPSK	25	0		22.41		23.7	1.0
10	QPSK	25	14		23.54		24.7	0.0
10	QPSK	25	27		22.34		23.7	1.0
10	QPSK	50	0		22.38			
10	16QAM	1	1		22.35		23.7	1.0
10	64QAM	1	1		21.41		22.2	2.5
10	256QAM	1	1		19.05		20.2	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.41	23.51	23.47	24.7	0.0

n66_ANT 2 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.22	22.25	22.19	23.2	0.0
40	PI/2 BPSK	1	108	22.21	22.16	22.20		
40	PI/2 BPSK	1	214	22.22	22.13	22.15		
40	PI/2 BPSK	108	0	22.11	22.15	22.16	23.2	0.0
40	PI/2 BPSK	108	54	22.18	22.16	22.20	23.2	0.0
40	PI/2 BPSK	108	108	22.21	22.20	22.17	23.2	0.0
40	PI/2 BPSK	216	0	22.19	22.15	22.21		
40	QPSK	1	1	22.23	22.27	22.21	23.2	0.0
40	QPSK	1	108	22.20	22.20	22.18		
40	QPSK	1	214	22.19	22.08	22.17		
40	QPSK	108	0	22.15	22.18	22.15	23.2	0.0
40	QPSK	108	54	22.20	22.21	22.19	23.2	0.0
40	QPSK	108	108	22.17	22.20	22.18	23.2	0.0
40	QPSK	216	0	22.19	22.20	22.18		
40	16QAM	1	1	22.16	22.21	22.20	23.2	0.0
40	64QAM	1	1	21.84	21.81	21.78	20.7	2.5
40	256QAM	1	1	19.67	19.71	19.62	18.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.17	22.23	22.15	23.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.16	22.15	22.17	23.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.19	22.23	22.24	23.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.17	22.21	22.22	23.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.17	22.15	22.18	23.2	0.0

n66_ANT 5 DFT-15(DSI17)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.56	17.52	17.55	18.7	0.0
40	PI/2 BPSK	1	108	17.53	17.62	17.52		
40	PI/2 BPSK	1	214	17.61	17.62	17.56		
40	PI/2 BPSK	108	0	17.54	17.60	17.61	18.7	0.0
40	PI/2 BPSK	108	54	17.62	17.56	17.60	18.7	0.0
40	PI/2 BPSK	108	108	17.56	17.56	17.61	18.7	0.0
40	PI/2 BPSK	216	0	17.56	17.52	17.53		
40	QPSK	1	1	17.53	17.63	17.65	18.7	0.0
40	QPSK	1	108	17.52	17.57	17.52		
40	QPSK	1	214	17.50	17.62	17.56		
40	QPSK	108	0	17.52	17.54	17.55	18.7	0.0
40	QPSK	108	54	17.62	17.59	17.63	18.7	0.0
40	QPSK	108	108	17.58	17.55	17.56	18.7	0.0
40	QPSK	216	0	17.59	17.58	17.61		
40	16QAM	1	1	17.59	17.59	17.54	18.7	0.0
40	64QAM	1	1	17.54	17.57	17.60	18.7	0.0
40	256QAM	1	1	17.59	17.57	17.60	18.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.56	17.57	17.60	18.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.55	17.61	17.54	18.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.55	17.58	17.57	18.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.53	17.58	17.59	18.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.55	17.58	17.60	18.7	0.0

n71_ANT 0 DFT-15(DSI17)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.75	21.77	21.72	23.4	0.0
20	PI/2 BPSK	1	53	21.76	21.75	21.68		
20	PI/2 BPSK	1	104	21.67	21.72	21.75		
20	PI/2 BPSK	50	0	21.78	21.74	21.74	23.4	0.0
20	PI/2 BPSK	50	28	21.75	21.85	21.69	23.4	0.0
20	PI/2 BPSK	50	56	21.74	21.71	21.69	23.4	0.0
20	PI/2 BPSK	100	0	21.71	21.69	21.71		
20	QPSK	1	1	22.50	22.52	22.48	23.4	0.0
20	QPSK	1	53	22.49	22.44	22.44		
20	QPSK	1	104	22.40	22.45	22.47		
20	QPSK	50	0	22.26	22.23	22.23	23.4	0.0
20	QPSK	50	28	22.36	22.50	22.43	23.4	0.0
20	QPSK	50	56	22.18	22.26	22.23	23.4	0.0
20	QPSK	100	0	22.21	22.23	22.20		
20	16QAM	1	1	21.89	22.13	22.11	23.4	0.0
20	64QAM	1	1	20.33	20.83	20.85	21.9	1.5
20	256QAM	1	1	18.06	18.69	18.71	19.9	3.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.48	22.48	22.49	23.4	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.40	22.43	22.45	23.4	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.45	22.44	22.45	23.4	0.0

n2_ANT 2 DFT-15(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.11	21.10	21.05	22.2	0.0
20	PI/2 BPSK	1	53	21.12	21.03	21.04		
20	PI/2 BPSK	1	104	21.00	21.07	20.93		
20	PI/2 BPSK	50	0	21.03	20.99	21.01	22.2	0.0
20	PI/2 BPSK	50	28	21.12	21.01	20.99	22.2	0.0
20	PI/2 BPSK	50	56	21.02	21.02	21.02	22.2	0.0
20	PI/2 BPSK	100	0	21.06	21.08	21.00		
20	QPSK	1	1	21.09	21.15	21.03	22.2	0.0
20	QPSK	1	53	21.02	21.06	21.02		
20	QPSK	1	104	20.93	21.04	20.96		
20	QPSK	50	0	21.03	21.05	21.02	22.2	0.0
20	QPSK	50	28	21.06	21.08	21.03	22.2	0.0
20	QPSK	50	56	21.04	21.02	21.02	22.2	0.0
20	QPSK	100	0	21.00	21.01	21.01		
20	16QAM	1	1	21.05	20.96	21.00	22.2	0.0
20	64QAM	1	1	20.96	21.05	21.11	22.2	0.0
20	256QAM	1	1	19.79	19.81	20.34	20.7	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.06	21.07	20.96	22.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.04	21.08	20.99	22.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.05	21.08	20.96	22.2	0.0

n5_ANT 0 DFT-15(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.48	21.68	21.55	24.2	0.0
20	PI/2 BPSK	1	53	21.46	21.62	21.52		
20	PI/2 BPSK	1	104	21.44	21.60	21.46		
20	PI/2 BPSK	50	0	21.51	21.58	21.47	23.7	0.5
20	PI/2 BPSK	50	28	21.47	21.64	21.41	24.2	0.0
20	PI/2 BPSK	50	56	21.42	21.57	21.43	23.7	0.5
20	PI/2 BPSK	100	0	21.47	21.65	21.43		
20	QPSK	1	1	23.06	23.15	23.12	24.2	0.0
20	QPSK	1	53	23.02	23.05	23.10		
20	QPSK	1	104	23.01	23.06	23.07		
20	QPSK	50	0	22.06	22.05	21.99	23.2	1.0
20	QPSK	50	28	22.99	23.00	22.95	24.2	0.0
20	QPSK	50	56	21.95	21.98	21.96	23.2	1.0
20	QPSK	100	0	21.99	22.00	21.91		
20	16QAM	1	1	22.24	22.28	21.96	23.2	1.0
20	64QAM	1	1	20.73	20.70	20.81	21.7	2.5
20	256QAM	1	1	18.61	18.58	18.69	19.7	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.07	23.14	23.11	24.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.13	23.05	23.12	24.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.07	23.12	23.13	24.2	0.0

n7_ANT 2 DFT-15(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.58	19.56	19.49	20.7	0.0
20	PI/2 BPSK	1	53	19.53	19.51	19.39		
20	PI/2 BPSK	1	104	19.48	19.53	19.45		
20	PI/2 BPSK	50	0	19.52	19.50	19.40	20.7	0.0
20	PI/2 BPSK	50	28	19.50	19.48	19.39	20.7	0.0
20	PI/2 BPSK	50	56	19.43	19.46	19.34	20.7	0.0
20	PI/2 BPSK	100	0	19.40	19.51	19.42		
20	QPSK	1	1	19.52	19.61	19.51	20.7	0.0
20	QPSK	1	53	19.51	19.58	19.49		
20	QPSK	1	104	19.51	19.57	19.50		
20	QPSK	50	0	19.39	19.51	19.35	20.7	0.0
20	QPSK	50	28	19.49	19.52	19.40	20.7	0.0
20	QPSK	50	56	19.48	19.48	19.37	20.7	0.0
20	QPSK	100	0	19.39	19.50	19.39		
20	16QAM	1	1	19.56	19.58	19.54	20.7	0.0
20	64QAM	1	1	19.47	19.52	19.45	20.7	0.0
20	256QAM	1	1	18.32	18.42	18.29	19.7	1.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.57	19.58	19.55	20.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.52	19.53	19.57	20.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.49	19.52	19.57	20.7	0.0

n25_ANT 2 DFT-15(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.14	21.15	21.12	22.2	0.0
40	PI/2 BPSK	1	108	21.15	21.11	21.13		
40	PI/2 BPSK	1	214	21.09	21.13	21.01		
40	PI/2 BPSK	108	0	21.12	21.09	21.07	22.2	0.0
40	PI/2 BPSK	108	54	21.15	21.10	21.04	22.2	0.0
40	PI/2 BPSK	108	108	21.09	21.07	21.12	22.2	0.0
40	PI/2 BPSK	216	0	21.09	21.11	21.08		
40	QPSK	1	1	21.13	21.19	21.13	22.2	0.0
40	QPSK	1	108	21.11	21.15	21.07		
40	QPSK	1	214	21.03	21.14	21.06		
40	QPSK	108	0	21.08	21.08	21.05	22.2	0.0
40	QPSK	108	54	21.10	21.13	21.08	22.2	0.0
40	QPSK	108	108	21.07	21.11	21.03	22.2	0.0
40	QPSK	216	0	21.10	21.12	21.04		
40	16QAM	1	1	21.08	21.04	21.06	22.2	0.0
40	64QAM	1	1	21.00	21.12	21.14	22.2	0.0
40	256QAM	1	1	19.88	19.88	20.41	20.7	1.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.09	21.10	21.10	22.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.03	21.14	21.07	22.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.03	21.16	21.07	22.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.09	21.10	21.03	22.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.07	21.10	21.08	22.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.08	21.16	21.07	22.2	0.0

n30_ANT 2 DFT-15(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.00		24.7	0.0
10	PI/2 BPSK	1	26		23.05			
10	PI/2 BPSK	1	50		22.99			
10	PI/2 BPSK	25	0		22.45		24.2	0.5
10	PI/2 BPSK	25	14		22.92		24.7	0.0
10	PI/2 BPSK	25	27		22.40		24.2	0.5
10	PI/2 BPSK	50	0		22.25			
10	QPSK	1	1		23.56		24.7	0.0
10	QPSK	1	26		23.52			
10	QPSK	1	50		23.54			
10	QPSK	25	0		22.41		23.7	1.0
10	QPSK	25	14		23.54		24.7	0.0
10	QPSK	25	27		22.34		23.7	1.0
10	QPSK	50	0		22.38			
10	16QAM	1	1		22.35		23.7	1.0
10	64QAM	1	1		21.41		22.2	2.5
10	256QAM	1	1		19.05		20.2	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.41	23.51	23.47	24.7	0.0

n66_ANT 2 DFT-15(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.64	22.67	22.78	25.2	0.0
40	PI/2 BPSK	1	108	22.73	22.78	22.76		
40	PI/2 BPSK	1	214	22.86	22.73	22.62		
40	PI/2 BPSK	108	0	22.26	22.22	22.29	24.7	0.5
40	PI/2 BPSK	108	54	22.72	22.78	22.79	25.2	0.0
40	PI/2 BPSK	108	108	22.34	22.33	22.27	24.7	0.5
40	PI/2 BPSK	216	0	22.28	22.34	22.22		
40	QPSK	1	1	24.26	24.29	24.28	25.2	0.0
40	QPSK	1	108	24.21	24.25	24.17		
40	QPSK	1	214	24.24	24.12	24.14		
40	QPSK	108	0	23.05	23.27	23.17	24.2	1.0
40	QPSK	108	54	24.23	24.26	23.91	25.2	0.0
40	QPSK	108	108	23.33	24.02	23.07	24.2	1.0
40	QPSK	216	0	23.26	23.29	23.12		
40	16QAM	1	1	22.84	23.38	23.18	24.2	1.0
40	64QAM	1	1	21.43	21.83	21.84	22.7	2.5
40	256QAM	1	1	19.61	19.67	19.68	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.23	24.28	24.27	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.23	24.25	24.23	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.24	24.25	24.23	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.27	24.21	24.26	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.25	24.20	24.26	25.2	0.0

n66_ANT 5 DFT-15(DSI1)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.83	19.93	19.99	21.2	0.0
40	PI/2 BPSK	1	108	19.86	19.93	19.98		
40	PI/2 BPSK	1	214	19.85	19.89	19.98		
40	PI/2 BPSK	108	0	19.63	19.75	19.76	21.2	0.0
40	PI/2 BPSK	108	54	19.86	19.99	19.91	21.2	0.0
40	PI/2 BPSK	108	108	19.87	19.87	19.96	21.2	0.0
40	PI/2 BPSK	216	0	19.61	19.70	19.76		
40	QPSK	1	1	19.94	20.01	20.08	21.2	0.0
40	QPSK	1	108	19.80	19.95	19.94		
40	QPSK	1	214	19.71	19.75	19.80		
40	QPSK	108	0	19.77	19.91	19.95	21.2	0.0
40	QPSK	108	54	19.81	19.92	20.02	21.2	0.0
40	QPSK	108	108	19.58	19.80	19.69	21.2	0.0
40	QPSK	216	0	19.84	19.89	19.96		
40	16QAM	1	1	19.80	19.88	19.92	21.2	0.0
40	64QAM	1	1	19.83	19.87	19.92	21.2	0.0
40	256QAM	1	1	19.33	19.52	19.32	20.7	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.89	19.91	20.03	21.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.82	19.92	19.99	21.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.87	19.90	19.97	21.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.81	19.90	19.94	21.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.79	19.93	19.93	21.2	0.0

n71_ANT 0 DFT-15(DSI1)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.65	21.75	21.58	24.4	0.0
20	PI/2 BPSK	1	53	21.69	21.65	21.59		
20	PI/2 BPSK	1	104	21.68	21.58	21.54		
20	PI/2 BPSK	50	0	21.66	21.61	21.52	23.9	0.5
20	PI/2 BPSK	50	28	21.65	21.55	21.53	24.4	0.0
20	PI/2 BPSK	50	56	21.55	21.53	21.58	23.9	0.5
20	PI/2 BPSK	100	0	21.61	21.52	21.56		
20	QPSK	1	1	23.31	23.35	23.33	24.4	0.0
20	QPSK	1	53	23.30	23.30	23.30		
20	QPSK	1	104	23.25	23.22	23.31		
20	QPSK	50	0	22.20	22.30	22.19	23.4	1.0
20	QPSK	50	28	23.21	23.22	23.20	24.4	0.0
20	QPSK	50	56	22.20	22.22	22.18	23.4	1.0
20	QPSK	100	0	22.21	22.23	22.22		
20	16QAM	1	1	22.24	22.21	22.32	23.4	1.0
20	64QAM	1	1	20.85	20.86	20.80	21.9	2.5
20	256QAM	1	1	18.72	18.71	18.75	19.9	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.29	23.29	23.31	24.4	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.28	23.30	23.30	24.4	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.32	23.26	23.32	24.4	0.0

n2_ANT 2 DFT-15(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.69	19.65	19.59	20.7	0.0
20	PI/2 BPSK	1	53	19.64	19.62	19.72		
20	PI/2 BPSK	1	104	19.70	19.65	19.61		
20	PI/2 BPSK	50	0	19.65	19.64	19.69	20.7	0.0
20	PI/2 BPSK	50	28	19.69	19.67	19.63	20.7	0.0
20	PI/2 BPSK	50	56	19.75	19.62	19.58	20.7	0.0
20	PI/2 BPSK	100	0	19.72	19.68	19.69		
20	QPSK	1	1	19.66	19.76	19.61	20.7	0.0
20	QPSK	1	53	19.63	19.63	19.58		
20	QPSK	1	104	19.47	19.42	19.59		
20	QPSK	50	0	19.47	19.51	19.51	20.7	0.0
20	QPSK	50	28	19.49	19.59	19.52	20.7	0.0
20	QPSK	50	56	19.48	19.50	19.50	20.7	0.0
20	QPSK	100	0	19.52	19.55	19.49		
20	16QAM	1	1	19.54	19.67	19.60	20.7	0.0
20	64QAM	1	1	19.55	19.69	19.54	20.7	0.0
20	256QAM	1	1	19.72	19.57	19.58	20.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.55	19.66	19.51	20.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.54	19.61	19.44	20.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.58	19.71	19.46	20.7	0.0

n5_ANT 0 DFT-15(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.48	21.68	21.55	24.2	0.0
20	PI/2 BPSK	1	53	21.46	21.62	21.52		
20	PI/2 BPSK	1	104	21.44	21.60	21.46		
20	PI/2 BPSK	50	0	21.51	21.58	21.47	23.7	0.5
20	PI/2 BPSK	50	28	21.47	21.64	21.41	24.2	0.0
20	PI/2 BPSK	50	56	21.42	21.57	21.43	23.7	0.5
20	PI/2 BPSK	100	0	21.47	21.65	21.43		
20	QPSK	1	1	23.06	23.15	23.12	24.2	0.0
20	QPSK	1	53	23.02	23.05	23.10		
20	QPSK	1	104	23.01	23.06	23.07		
20	QPSK	50	0	22.06	22.05	21.99	23.2	1.0
20	QPSK	50	28	22.99	23.00	22.95	24.2	0.0
20	QPSK	50	56	21.95	21.98	21.96	23.2	1.0
20	QPSK	100	0	21.99	22.00	21.91		
20	16QAM	1	1	22.24	22.28	21.96	23.2	1.0
20	64QAM	1	1	20.73	20.70	20.81	21.7	2.5
20	256QAM	1	1	18.61	18.58	18.69	19.7	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.07	23.14	23.11	24.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.13	23.05	23.12	24.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.07	23.12	23.13	24.2	0.0

n7_ANT 2 DFT-15(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.03	17.96	17.98	19.2	0.0
20	PI/2 BPSK	1	53	18.01	17.97	17.98		
20	PI/2 BPSK	1	104	18.07	18.01	17.91		
20	PI/2 BPSK	50	0	18.02	17.97	17.92	19.2	0.0
20	PI/2 BPSK	50	28	18.00	17.93	17.97	19.2	0.0
20	PI/2 BPSK	50	56	17.99	17.93	17.79	19.2	0.0
20	PI/2 BPSK	100	0	18.03	18.06	17.81		
20	QPSK	1	1	17.87	18.11	17.80	19.2	0.0
20	QPSK	1	53	17.78	17.86	17.70		
20	QPSK	1	104	17.82	17.84	17.78		
20	QPSK	50	0	17.82	17.79	17.83	19.2	0.0
20	QPSK	50	28	17.83	17.96	17.84	19.2	0.0
20	QPSK	50	56	17.76	17.90	17.77	19.2	0.0
20	QPSK	100	0	17.82	17.85	17.76		
20	16QAM	1	1	17.92	17.81	17.91	19.2	0.0
20	64QAM	1	1	17.95	17.82	17.88	19.2	0.0
20	256QAM	1	1	17.92	17.79	17.84	19.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.82	17.96	17.68	19.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.74	18.05	17.74	19.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.74	17.97	17.65	19.2	0.0

n25_ANT 2 DFT-15(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	19.72	19.70	19.63	20.7	0.0
40	PI/2 BPSK	1	108	19.73	19.69	19.75		
40	PI/2 BPSK	1	214	19.77	19.69	19.67		
40	PI/2 BPSK	108	0	19.71	19.68	19.72	20.7	0.0
40	PI/2 BPSK	108	54	19.77	19.71	19.70	20.7	0.0
40	PI/2 BPSK	108	108	19.79	19.72	19.68	20.7	0.0
40	PI/2 BPSK	216	0	19.79	19.71	19.78		
40	QPSK	1	1	19.70	19.80	19.69	20.7	0.0
40	QPSK	1	108	19.68	19.70	19.67		
40	QPSK	1	214	19.50	19.48	19.62		
40	QPSK	108	0	19.50	19.57	19.56	20.7	0.0
40	QPSK	108	54	19.58	19.65	19.59	20.7	0.0
40	QPSK	108	108	19.56	19.58	19.57	20.7	0.0
40	QPSK	216	0	19.61	19.64	19.59		
40	16QAM	1	1	19.61	19.70	19.68	20.7	0.0
40	64QAM	1	1	19.60	19.72	19.60	20.7	0.0
40	256QAM	1	1	19.75	19.64	19.61	20.7	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.59	19.68	19.60	20.7	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.61	19.75	19.57	20.7	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.64	19.74	19.60	20.7	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.64	19.65	19.51	20.7	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.59	19.66	19.61	20.7	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.60	19.75	19.51	20.7	0.0

n30_ANT 2 DFT-15(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.00		24.7	0.0
10	PI/2 BPSK	1	26		23.05			
10	PI/2 BPSK	1	50		22.99			
10	PI/2 BPSK	25	0		22.45		24.2	0.5
10	PI/2 BPSK	25	14		22.92		24.7	0.0
10	PI/2 BPSK	25	27		22.40		24.2	0.5
10	PI/2 BPSK	50	0		22.25			
10	QPSK	1	1		23.56		24.7	0.0
10	QPSK	1	26		23.52			
10	QPSK	1	50		23.54			
10	QPSK	25	0		22.41		23.7	1.0
10	QPSK	25	14		23.54		24.7	0.0
10	QPSK	25	27		22.34		23.7	1.0
10	QPSK	50	0		22.38			
10	16QAM	1	1		22.35		23.7	1.0
10	64QAM	1	1		21.41		22.2	2.5
10	256QAM	1	1		19.05		20.2	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.41	23.51	23.47	24.7	0.0

n66_ANT 2 DFT-15(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.64	22.67	22.78	25.2	0.0
40	PI/2 BPSK	1	108	22.73	22.78	22.76		
40	PI/2 BPSK	1	214	22.86	22.73	22.62		
40	PI/2 BPSK	108	0	22.26	22.22	22.29	24.7	0.5
40	PI/2 BPSK	108	54	22.72	22.78	22.79	25.2	0.0
40	PI/2 BPSK	108	108	22.34	22.33	22.27	24.7	0.5
40	PI/2 BPSK	216	0	22.28	22.34	22.22		
40	QPSK	1	1	24.26	24.29	24.28	25.2	0.0
40	QPSK	1	108	24.21	24.25	24.17		
40	QPSK	1	214	24.24	24.12	24.14		
40	QPSK	108	0	23.05	23.27	23.17	24.2	1.0
40	QPSK	108	54	24.23	24.26	23.91	25.2	0.0
40	QPSK	108	108	23.33	24.02	23.07	24.2	1.0
40	QPSK	216	0	23.26	23.29	23.12		
40	16QAM	1	1	22.84	23.38	23.18	24.2	1.0
40	64QAM	1	1	21.43	21.83	21.84	22.7	2.5
40	256QAM	1	1	19.61	19.67	19.68	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.23	24.28	24.27	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.23	24.25	24.23	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.24	24.25	24.23	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.27	24.21	24.26	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.25	24.20	24.26	25.2	0.0

n66_ANT 5 DFT-15(DSI6&11)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.80	18.90	18.97	20.2	0.0
40	PI/2 BPSK	1	108	18.84	18.89	18.95		
40	PI/2 BPSK	1	214	18.81	18.92	19.00		
40	PI/2 BPSK	108	0	18.66	18.71	18.75	20.2	0.0
40	PI/2 BPSK	108	54	18.82	18.95	18.93	20.2	0.0
40	PI/2 BPSK	108	108	18.82	18.90	19.00	20.2	0.0
40	PI/2 BPSK	216	0	18.62	18.75	18.76		
40	QPSK	1	1	18.89	18.99	19.03	20.2	0.0
40	QPSK	1	108	18.85	18.93	18.99		
40	QPSK	1	214	18.66	18.74	18.78		
40	QPSK	108	0	18.80	18.90	18.96	20.2	0.0
40	QPSK	108	54	18.86	18.93	19.00	20.2	0.0
40	QPSK	108	108	18.63	18.76	18.73	20.2	0.0
40	QPSK	216	0	18.84	18.94	19.00		
40	16QAM	1	1	18.79	18.91	18.93	20.2	0.0
40	64QAM	1	1	18.85	18.89	18.96	20.2	0.0
40	256QAM	1	1	18.81	18.94	18.97	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.83	18.94	18.95	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.80	18.96	19.00	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.85	18.92	18.99	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.80	18.91	18.94	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.85	18.89	18.99	20.2	0.0

n71_ANT 0 DFT-15(DSI6&11)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.65	21.75	21.58	24.4	0.0
20	PI/2 BPSK	1	53	21.69	21.65	21.59		
20	PI/2 BPSK	1	104	21.68	21.58	21.54		
20	PI/2 BPSK	50	0	21.66	21.61	21.52	23.9	0.5
20	PI/2 BPSK	50	28	21.65	21.55	21.53	24.4	0.0
20	PI/2 BPSK	50	56	21.55	21.53	21.58	23.9	0.5
20	PI/2 BPSK	100	0	21.61	21.52	21.56		
20	QPSK	1	1	23.31	23.35	23.33	24.4	0.0
20	QPSK	1	53	23.30	23.30	23.30		
20	QPSK	1	104	23.25	23.22	23.31		
20	QPSK	50	0	22.20	22.30	22.19	23.4	1.0
20	QPSK	50	28	23.21	23.22	23.20	24.4	0.0
20	QPSK	50	56	22.20	22.22	22.18	23.4	1.0
20	QPSK	100	0	22.21	22.23	22.22		
20	16QAM	1	1	22.24	22.21	22.32	23.4	1.0
20	64QAM	1	1	20.85	20.86	20.80	21.9	2.5
20	256QAM	1	1	18.72	18.71	18.75	19.9	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.29	23.29	23.31	24.4	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.28	23.30	23.30	24.4	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.32	23.26	23.32	24.4	0.0

n38_ANT 2 DFT-30(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.77	18.78	18.73	19.7	0.0
40	PI/2 BPSK	1	53	18.76	18.69	18.77		
40	PI/2 BPSK	1	104	18.75	18.67	18.71		
40	PI/2 BPSK	50	0	18.72	18.71	18.76	19.7	0.0
40	PI/2 BPSK	50	28	18.70	18.71	18.74	19.7	0.0
40	PI/2 BPSK	50	56	18.77	18.80	18.73	19.7	0.0
40	PI/2 BPSK	100	0	18.75	18.70	18.66		
40	QPSK	1	1	18.73	18.82	18.60	19.7	0.0
40	QPSK	1	53	18.43	18.48	18.31		
40	QPSK	1	104	18.43	18.50	18.34		
40	QPSK	50	0	18.39	18.46	18.32	18.7	1.0
40	QPSK	50	28	18.45	18.51	18.38		
40	QPSK	50	56	18.37	18.40	18.34		
40	QPSK	100	0	18.41	18.45	18.36	19.7	0.0
40	16QAM	1	1	18.69	18.72	18.64	19.7	0.0
40	64QAM	1	1	18.68	18.67	18.57	19.7	0.0
40	256QAM	1	1	18.51	18.56	18.34	19.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.66	18.73	18.45	19.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
20	QPSK	1	1	18.60	18.67	18.54	19.7	0.0

n41(PC2/PC3)_FCC_ANT 2 DFT-30(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.81	18.82	18.80	19.7	0.0
100	PI/2 BPSK	1	137	18.81	18.75	18.80		
100	PI/2 BPSK	1	271	18.81	18.77	18.80		
100	PI/2 BPSK	135	0	18.76	18.78	18.79	19.7	0.0
100	PI/2 BPSK	135	69	18.78	18.78	18.79	19.7	0.0
100	PI/2 BPSK	135	138	18.81	18.83	18.78	19.7	0.0
100	PI/2 BPSK	270	0	18.80	18.80	18.75		
100	QPSK	1	1	18.82	18.87	18.69	19.7	0.0
100	QPSK	1	137	18.53	18.58	18.39		
100	QPSK	1	271	18.53	18.54	18.37		
100	QPSK	135	0	18.44	18.56	18.39	19.7	0.0
100	QPSK	135	69	18.49	18.58	18.41		
100	QPSK	135	138	18.46	18.50	18.40		
100	QPSK	270	0	18.46	18.52	18.45	19.7	0.0
100	16QAM	1	1	18.78	18.82	18.69	19.7	0.0
100	64QAM	1	1	18.76	18.76	18.64	19.7	0.0
100	256QAM	1	1	18.54	18.61	18.44	19.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.72	18.74	18.59	19.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.67	18.75	18.60	19.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.70	18.79	18.57	19.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.72	18.74	18.57	19.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.75	18.74	18.59	19.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.74	18.81	18.63	19.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.76	18.76	18.55	19.7	0.0

n41(PC2/PC3/UL MIMO)_FCC_ANT 5 DFT-30(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.56	13.45	13.50	14.2	0.0
100	PI/2 BPSK	1	137	13.54	13.48	13.45		
100	PI/2 BPSK	1	271	13.49	13.46	13.56		
100	PI/2 BPSK	135	0	13.53	13.47	13.46	14.2	0.0
100	PI/2 BPSK	135	69	13.46	13.56	13.53	14.2	0.0
100	PI/2 BPSK	135	138	13.54	13.46	13.54	14.2	0.0
100	PI/2 BPSK	270	0	13.52	13.52	13.56		
100	QPSK	1	1	13.40	13.57	13.48	14.2	0.0
100	QPSK	1	137	13.32	13.49	13.46		
100	QPSK	1	271	13.27	13.43	13.40		
100	QPSK	135	0	13.35	13.47	13.44	14.2	0.0
100	QPSK	135	69	13.39	13.51	13.48		
100	QPSK	135	138	13.25	13.41	13.47		
100	QPSK	270	0	13.36	13.47	13.39	14.2	0.0
100	16QAM	1	1	13.27	13.26	13.19	14.2	0.0
100	64QAM	1	1	13.24	13.31	13.16	14.2	0.0
100	256QAM	1	1	13.03	13.21	12.95	14.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.26	13.52	13.37	14.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.30	13.49	13.35	14.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	13.31	13.44	13.40	14.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.24	13.49	13.35	14.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.28	13.45	13.43	14.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.26	13.45	13.39	14.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.32	13.48	13.37	14.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 5 DFT-30(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	14.37			15.2	0.0
100	PI/2 BPSK	1	137	14.32				
100	PI/2 BPSK	1	271	14.31				
100	PI/2 BPSK	135	0	14.29			15.2	0.0
100	PI/2 BPSK	135	69	14.30			15.2	0.0
100	PI/2 BPSK	135	138	14.25			15.2	0.0
100	PI/2 BPSK	270	0	14.20				
100	QPSK	1	1	14.41			15.2	0.0
100	QPSK	1	137	14.33				
100	QPSK	1	271	14.30				
100	QPSK	135	0	14.29			15.2	0.0
100	QPSK	135	69	14.32				
100	QPSK	135	138	14.22				
100	QPSK	270	0	14.29			15.2	0.0
100	16QAM	1	1	14.28			15.2	0.0
100	64QAM	1	1	14.37			15.2	0.0
100	256QAM	1	1	14.33			15.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.31	14.35	14.26	15.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	14.29	14.35	14.27	15.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	14.28	14.36	14.31	15.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	14.27	14.33	14.34	15.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.34	14.35	14.30	15.2	0.0

Part27O n77(PC2/PC3)_FCC_ANT 5 DFT-30(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.32	14.12	14.06	15.2	0.0
100	PI/2 BPSK	1	137	14.27	14.05	14.12		
100	PI/2 BPSK	1	271	14.24	14.06	14.09		
100	PI/2 BPSK	135	0	14.25	14.10	14.11	15.2	0.0
100	PI/2 BPSK	135	69	14.28	14.12	14.05	15.2	0.0
100	PI/2 BPSK	135	138	14.29	14.06	14.08	15.2	0.0
100	PI/2 BPSK	270	0	14.32	14.09	14.13		
100	QPSK	1	1	14.36	14.19	14.17	15.2	0.0
100	QPSK	1	137	14.30	14.07	14.12		
100	QPSK	1	271	14.19	14.18	14.16		
100	QPSK	135	0	14.22	14.02	14.06	15.2	0.0
100	QPSK	135	69	14.33	14.10	14.15		
100	QPSK	135	138	14.17	13.98	14.12		
100	QPSK	270	0	14.19	14.02	14.16	15.2	0.0
100	16QAM	1	1	14.28	14.33	14.25	15.2	0.0
100	64QAM	1	1	14.29	14.29	14.17	15.2	0.0
100	256QAM	1	1	14.18	14.31	14.00	15.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.09	14.29	14.10	15.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.11	14.31	14.14	15.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.11	14.32	14.12	15.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	14.13	14.28	14.09	15.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.12	14.25	14.13	15.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 10 DFT-30(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.70			16.7	0.0
100	PI/2 BPSK	1	137	15.61				
100	PI/2 BPSK	1	271	15.61				
100	PI/2 BPSK	135	0	15.60			16.7	0.0
100	PI/2 BPSK	135	69	15.70			16.7	0.0
100	PI/2 BPSK	135	138	15.61			16.7	0.0
100	PI/2 BPSK	270	0	15.67				
100	QPSK	1	1	15.72			16.7	0.0
100	QPSK	1	137	15.61				
100	QPSK	1	271	15.58				
100	QPSK	135	0	15.62			16.7	0.0
100	QPSK	135	69	15.70				
100	QPSK	135	138	15.68				
100	QPSK	270	0	15.67			16.7	0.0
100	16QAM	1	1	15.64			16.7	0.0
100	64QAM	1	1	15.57			16.7	0.0
100	256QAM	1	1	15.59			16.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.64	15.62	15.67	16.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	15.65	15.67	15.60	16.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	15.64	15.59	15.66	16.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	15.59	15.67	15.61	16.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.67	15.61	15.63	16.7	0.0

Part27O n77(PC2/PC3)_FCC_ANT 10 DFT-30(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.53	15.49	15.51	16.7	0.0
100	PI/2 BPSK	1	137	15.55	15.49	15.51		
100	PI/2 BPSK	1	271	15.61	15.53	15.49		
100	PI/2 BPSK	135	0	15.57	15.59	15.58	16.7	0.0
100	PI/2 BPSK	135	69	15.61	15.51	15.60	16.7	0.0
100	PI/2 BPSK	135	138	15.56	15.60	15.50	16.7	0.0
100	PI/2 BPSK	270	0	15.61	15.55	15.61		
100	QPSK	1	1	15.62	15.64	15.62	16.7	0.0
100	QPSK	1	137	15.58	15.60	15.58		
100	QPSK	1	271	15.61	15.53	15.61		
100	QPSK	135	0	15.50	15.57	15.51	16.7	0.0
100	QPSK	135	69	15.58	15.62	15.61		
100	QPSK	135	138	15.53	15.60	15.60		
100	QPSK	270	0	15.60	15.62	15.57	16.7	0.0
100	16QAM	1	1	15.62	15.60	15.54	16.7	0.0
100	64QAM	1	1	15.49	15.54	15.51	16.7	0.0
100	256QAM	1	1	15.54	15.60	15.58	16.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.53	15.56	15.53	16.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.59	15.58	15.55	16.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.61	15.53	15.59	16.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.55	15.59	15.57	16.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.56	15.57	15.61	16.7	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 6 DFT-30(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.30			16.2	0.0
100	PI/2 BPSK	1	137	15.33				
100	PI/2 BPSK	1	271	15.28				
100	PI/2 BPSK	135	0	15.32			16.2	0.0
100	PI/2 BPSK	135	69	15.34			16.2	0.0
100	PI/2 BPSK	135	138	15.29			16.2	0.0
100	PI/2 BPSK	270	0	15.30				
100	QPSK	1	1	15.38			16.2	0.0
100	QPSK	1	137	15.30				
100	QPSK	1	271	15.31				
100	QPSK	135	0	15.31			16.2	0.0
100	QPSK	135	69	15.35				
100	QPSK	135	138	15.32				
100	QPSK	270	0	15.33			16.2	0.0
100	16QAM	1	1	15.33			16.2	0.0
100	64QAM	1	1	15.33			16.2	0.0
100	256QAM	1	1	15.29			16.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.24	15.24	15.32	16.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	15.33	15.28	15.31	16.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	15.25	15.33	15.32	16.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	15.28	15.29	15.33	16.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.25	15.33	15.31	16.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 6 DFT-30(DSI5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.22	15.31	15.31	16.2	0.0
100	PI/2 BPSK	1	137	15.25	15.26	15.22		
100	PI/2 BPSK	1	271	15.26	15.30	15.28		
100	PI/2 BPSK	135	0	15.23	15.32	15.23	16.2	0.0
100	PI/2 BPSK	135	69	15.29	15.23	15.31	16.2	0.0
100	PI/2 BPSK	135	138	15.24	15.26	15.27	16.2	0.0
100	PI/2 BPSK	270	0	15.26	15.31	15.26		
100	QPSK	1	1	15.26	15.30	15.34	16.2	0.0
100	QPSK	1	137	15.24	15.26	15.25		
100	QPSK	1	271	15.23	15.27	15.26		
100	QPSK	135	0	15.25	15.25	15.31	16.2	0.0
100	QPSK	135	69	15.31	15.27	15.32		
100	QPSK	135	138	15.22	15.26	15.28		
100	QPSK	270	0	15.25	15.23	15.28	16.2	0.0
100	16QAM	1	1	15.28	15.26	15.24	16.2	0.0
100	64QAM	1	1	15.27	15.29	15.24	16.2	0.0
100	256QAM	1	1	15.26	15.30	15.25	16.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.27	15.24	15.27	16.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.24	15.23	15.32	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.26	15.25	15.28	16.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.26	15.32	15.32	16.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.25	15.30	15.25	16.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 13 DFT-30(DSI5)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pi/2 BPSK	1	1	14.73			15.5	0.0
100	Pi/2 BPSK	1	137	14.77				
100	Pi/2 BPSK	1	271	14.74				
100	Pi/2 BPSK	135	0	14.73			15.5	0.0
100	Pi/2 BPSK	135	69	14.76			15.5	0.0
100	Pi/2 BPSK	135	138	14.75			15.5	0.0
100	Pi/2 BPSK	270	0	14.78				
100	QPSK	1	1	14.81			15.5	0.0
100	QPSK	1	137	14.76				
100	QPSK	1	271	14.79				
100	QPSK	135	0	14.73			15.5	0.0
100	QPSK	135	69	14.74				
100	QPSK	135	138	14.67				
100	QPSK	270	0	14.70			15.5	0.0
100	16QAM	1	1	14.67			15.5	0.0
100	64QAM	1	1	14.72			15.5	0.0
100	256QAM	1	1	14.51			15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.72	14.71	14.67	15.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	14.72	14.69	14.76	15.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	14.71	14.72	14.72	15.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	14.66	14.74	14.71	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.72	14.73	14.74	15.5	0.0

Part27O n77(PC2/PC3)_FCC_ANT 13 DFT-30(DSI5)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	14.31	14.39	14.32	15.5	0.0
100	Pi/2 BPSK	1	137	14.42	14.45	14.38		
100	Pi/2 BPSK	1	271	14.26	14.39	14.33		
100	Pi/2 BPSK	135	0	14.32	14.39	14.29	15.5	0.0
100	Pi/2 BPSK	135	69	14.37	14.45	14.35	15.5	0.0
100	Pi/2 BPSK	135	138	14.29	14.42	14.39	15.5	0.0
100	Pi/2 BPSK	270	0	14.37	14.48	14.36		
100	QPSK	1	1	14.41	14.51	14.39	15.5	0.0
100	QPSK	1	137	14.27	14.35	14.30		
100	QPSK	1	271	14.24	14.32	14.22		
100	QPSK	135	0	14.24	14.31	14.21	15.5	0.0
100	QPSK	135	69	14.34	14.45	14.35		
100	QPSK	135	138	14.12	14.17	14.07		
100	QPSK	270	0	14.26	14.31	14.25	15.5	0.0
100	16QAM	1	1	14.41	14.50	14.46	15.5	0.0
100	64QAM	1	1	14.40	14.47	14.39	15.5	0.0
100	256QAM	1	1	14.32	14.38	14.25	15.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.45	14.42	14.41	15.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.42	14.40	14.43	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.41	14.42	14.45	15.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	14.45	14.43	14.41	15.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.46	14.44	14.40	15.5	0.0

n38_ANT 2 DFT-30(DSI10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.71	17.80	17.71	18.7	0.0
40	PI/2 BPSK	1	53	17.72	17.74	17.69		
40	PI/2 BPSK	1	104	17.74	17.75	17.73		
40	PI/2 BPSK	50	0	17.63	17.71	17.79	18.7	0.0
40	PI/2 BPSK	50	28	17.70	17.66	17.68	18.7	0.0
40	PI/2 BPSK	50	56	17.78	17.76	17.66	18.7	0.0
40	PI/2 BPSK	100	0	17.76	17.68	17.72		
40	QPSK	1	1	17.77	17.81	17.67	18.7	0.0
40	QPSK	1	53	17.54	17.55	17.36		
40	QPSK	1	104	17.45	17.47	17.31		
40	QPSK	50	0	17.38	17.41	17.27	18.7	0.0
40	QPSK	50	28	17.46	17.66	17.39		
40	QPSK	50	56	17.42	17.56	17.38		
40	QPSK	100	0	17.32	17.54	17.41	18.7	0.0
40	16QAM	1	1	17.67	17.77	17.66	18.7	0.0
40	64QAM	1	1	17.71	17.63	17.58	18.7	0.0
40	256QAM	1	1	17.45	17.62	17.38	18.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.68	17.68	17.54	18.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
20	QPSK	1	1	17.70	17.76	17.56	18.7	0.0

n41(PC2/PC3)_FCC_ANT 2 DFT-30(DSI10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.78	17.84	17.81	18.7	0.0
100	PI/2 BPSK	1	137	17.78	17.80	17.77		
100	PI/2 BPSK	1	271	17.78	17.82	17.77		
100	PI/2 BPSK	135	0	17.73	17.75	17.83	18.7	0.0
100	PI/2 BPSK	135	69	17.79	17.74	17.75	18.7	0.0
100	PI/2 BPSK	135	138	17.84	17.81	17.74	18.7	0.0
100	PI/2 BPSK	270	0	17.81	17.76	17.75		
100	QPSK	1	1	17.84	17.86	17.72	18.7	0.0
100	QPSK	1	137	17.57	17.61	17.40		
100	QPSK	1	271	17.53	17.55	17.38		
100	QPSK	135	0	17.42	17.51	17.37	18.7	0.0
100	QPSK	135	69	17.51	17.56	17.46		
100	QPSK	135	138	17.49	17.51	17.45		
100	QPSK	270	0	17.42	17.52	17.50	18.7	0.0
100	16QAM	1	1	17.73	17.85	17.71	18.7	0.0
100	64QAM	1	1	17.77	17.72	17.66	18.7	0.0
100	256QAM	1	1	17.51	17.66	17.46	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.77	17.79	17.58	18.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.69	17.78	17.58	18.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.69	17.71	17.67	18.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.77	17.80	17.59	18.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.73	17.76	17.58	18.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.72	17.77	17.65	18.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.74	17.75	17.63	18.7	0.0

n41(PC2/PC3/UL MIMO)_FCC_ANT 5 DFT-30(DSI10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.56	13.45	13.50	14.2	0.0
100	PI/2 BPSK	1	137	13.54	13.48	13.45		
100	PI/2 BPSK	1	271	13.49	13.46	13.56		
100	PI/2 BPSK	135	0	13.53	13.47	13.46	14.2	0.0
100	PI/2 BPSK	135	69	13.46	13.56	13.53	14.2	0.0
100	PI/2 BPSK	135	138	13.54	13.46	13.54	14.2	0.0
100	PI/2 BPSK	270	0	13.52	13.52	13.56		
100	QPSK	1	1	13.40	13.57	13.48	14.2	0.0
100	QPSK	1	137	13.32	13.49	13.46		
100	QPSK	1	271	13.27	13.43	13.40		
100	QPSK	135	0	13.35	13.47	13.44	14.2	0.0
100	QPSK	135	69	13.39	13.51	13.48		
100	QPSK	135	138	13.25	13.41	13.47		
100	QPSK	270	0	13.36	13.47	13.39	14.2	0.0
100	16QAM	1	1	13.27	13.26	13.19	14.2	0.0
100	64QAM	1	1	13.24	13.31	13.16	14.2	0.0
100	256QAM	1	1	13.03	13.21	12.95	14.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.26	13.52	13.37	14.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.30	13.49	13.35	14.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	13.31	13.44	13.40	14.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.24	13.49	13.35	14.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.28	13.45	13.43	14.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.26	13.45	13.39	14.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.32	13.48	13.37	14.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 5 DFT-30(DSI10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	13.86			14.7	0.0
100	PI/2 BPSK	1	137	13.81				
100	PI/2 BPSK	1	271	13.85				
100	PI/2 BPSK	135	0	13.84			14.7	0.0
100	PI/2 BPSK	135	69	13.78			14.7	0.0
100	PI/2 BPSK	135	138	13.74			14.7	0.0
100	PI/2 BPSK	270	0	13.71				
100	QPSK	1	1	13.89			14.7	0.0
100	QPSK	1	137	13.79				
100	QPSK	1	271	13.78				
100	QPSK	135	0	13.84			14.7	0.0
100	QPSK	135	69	13.86				
100	QPSK	135	138	13.70				
100	QPSK	270	0	13.77			14.7	0.0
100	16QAM	1	1	13.75			14.7	0.0
100	64QAM	1	1	13.84			14.7	0.0
100	256QAM	1	1	13.86			14.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.82	13.76	13.77	14.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	13.75	13.82	13.78	14.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	13.74	13.83	13.80	14.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	13.79	13.78	13.80	14.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.78	13.74	13.79	14.7	0.0

Part27O n77(PC2/PC3)_FCC_ANT 5 DFT-30(DSI10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.78	13.59	13.52	14.7	0.0
100	PI/2 BPSK	1	137	13.78	13.56	13.59		
100	PI/2 BPSK	1	271	13.75	13.59	13.64		
100	PI/2 BPSK	135	0	13.74	13.64	13.60	14.7	0.0
100	PI/2 BPSK	135	69	13.81	13.67	13.60	14.7	0.0
100	PI/2 BPSK	135	138	13.74	13.52	13.55	14.7	0.0
100	PI/2 BPSK	270	0	13.82	13.59	13.64		
100	QPSK	1	1	13.89	13.70	13.67	14.7	0.0
100	QPSK	1	137	13.85	13.56	13.62		
100	QPSK	1	271	13.66	13.68	13.65		
100	QPSK	135	0	13.77	13.52	13.58	14.7	0.0
100	QPSK	135	69	13.79	13.60	13.63		
100	QPSK	135	138	13.63	13.44	13.61		
100	QPSK	270	0	13.73	13.56	13.63	14.7	0.0
100	16QAM	1	1	13.78	13.86	13.72	14.7	0.0
100	64QAM	1	1	13.84	13.79	13.67	14.7	0.0
100	256QAM	1	1	13.64	13.81	13.52	14.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.63	13.80	13.50	14.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.63	13.84	13.47	14.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.64	13.80	13.51	14.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	13.61	13.84	13.50	14.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.63	13.76	13.46	14.7	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 10 DFT-30(DSI10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.70			16.7	0.0
100	PI/2 BPSK	1	137	15.61				
100	PI/2 BPSK	1	271	15.61				
100	PI/2 BPSK	135	0	15.60			16.7	0.0
100	PI/2 BPSK	135	69	15.70			16.7	0.0
100	PI/2 BPSK	135	138	15.61			16.7	0.0
100	PI/2 BPSK	270	0	15.67				
100	QPSK	1	1	15.72			16.7	0.0
100	QPSK	1	137	15.61				
100	QPSK	1	271	15.58				
100	QPSK	135	0	15.62			16.7	0.0
100	QPSK	135	69	15.70				
100	QPSK	135	138	15.68				
100	QPSK	270	0	15.67			16.7	0.0
100	16QAM	1	1	15.64			16.7	0.0
100	64QAM	1	1	15.57			16.7	0.0
100	256QAM	1	1	15.59			16.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.64	15.62	15.67	16.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	15.65	15.67	15.60	16.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	15.64	15.59	15.66	16.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	15.59	15.67	15.61	16.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.67	15.61	15.63	16.7	0.0

Part27O n77(PC2/PC3)_FCC_ANT 10 DFT-30(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.53	15.49	15.51	16.7	0.0
100	PI/2 BPSK	1	137	15.55	15.49	15.51		
100	PI/2 BPSK	1	271	15.61	15.53	15.49		
100	PI/2 BPSK	135	0	15.57	15.59	15.58	16.7	0.0
100	PI/2 BPSK	135	69	15.61	15.51	15.60	16.7	0.0
100	PI/2 BPSK	135	138	15.56	15.60	15.50	16.7	0.0
100	PI/2 BPSK	270	0	15.61	15.55	15.61		
100	QPSK	1	1	15.62	15.64	15.62	16.7	0.0
100	QPSK	1	137	15.58	15.60	15.58		
100	QPSK	1	271	15.61	15.53	15.61		
100	QPSK	135	0	15.50	15.57	15.51	16.7	0.0
100	QPSK	135	69	15.58	15.62	15.61		
100	QPSK	135	138	15.53	15.60	15.60		
100	QPSK	270	0	15.60	15.62	15.57	16.7	0.0
100	16QAM	1	1	15.62	15.60	15.54	16.7	0.0
100	64QAM	1	1	15.49	15.54	15.51	16.7	0.0
100	256QAM	1	1	15.54	15.60	15.58	16.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.53	15.56	15.53	16.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.59	15.58	15.55	16.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.61	15.53	15.59	16.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.55	15.59	15.57	16.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.56	15.57	15.61	16.7	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 6 DFT-30(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.30			16.2	0.0
100	PI/2 BPSK	1	137	15.33				
100	PI/2 BPSK	1	271	15.28				
100	PI/2 BPSK	135	0	15.32			16.2	0.0
100	PI/2 BPSK	135	69	15.34			16.2	0.0
100	PI/2 BPSK	135	138	15.29			16.2	0.0
100	PI/2 BPSK	270	0	15.30				
100	QPSK	1	1	15.38			16.2	0.0
100	QPSK	1	137	15.30				
100	QPSK	1	271	15.31				
100	QPSK	135	0	15.31			16.2	0.0
100	QPSK	135	69	15.35				
100	QPSK	135	138	15.32				
100	QPSK	270	0	15.33			16.2	0.0
100	16QAM	1	1	15.33			16.2	0.0
100	64QAM	1	1	15.33			16.2	0.0
100	256QAM	1	1	15.29			16.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.24	15.24	15.32	16.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	15.33	15.28	15.31	16.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	15.25	15.33	15.32	16.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	15.28	15.29	15.33	16.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.25	15.33	15.31	16.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 6 DFT-30(DSI10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.22	15.31	15.31	16.2	0.0
100	PI/2 BPSK	1	137	15.25	15.26	15.22		
100	PI/2 BPSK	1	271	15.26	15.30	15.28		
100	PI/2 BPSK	135	0	15.23	15.32	15.23	16.2	0.0
100	PI/2 BPSK	135	69	15.29	15.23	15.31	16.2	0.0
100	PI/2 BPSK	135	138	15.24	15.26	15.27	16.2	0.0
100	PI/2 BPSK	270	0	15.26	15.31	15.26		
100	QPSK	1	1	15.26	15.30	15.34	16.2	0.0
100	QPSK	1	137	15.24	15.26	15.25		
100	QPSK	1	271	15.23	15.27	15.26		
100	QPSK	135	0	15.25	15.25	15.31	16.2	0.0
100	QPSK	135	69	15.31	15.27	15.32		
100	QPSK	135	138	15.22	15.26	15.28		
100	QPSK	270	0	15.25	15.23	15.28	16.2	0.0
100	16QAM	1	1	15.28	15.26	15.24	16.2	0.0
100	64QAM	1	1	15.27	15.29	15.24	16.2	0.0
100	256QAM	1	1	15.26	15.30	15.25	16.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.27	15.24	15.27	16.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.24	15.23	15.32	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.26	15.25	15.28	16.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.26	15.32	15.32	16.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.25	15.30	15.25	16.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 13 DFT-30(DSI10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	14.73			15.5	0.0
100	PI/2 BPSK	1	137	14.77				
100	PI/2 BPSK	1	271	14.74				
100	PI/2 BPSK	135	0	14.73			15.5	0.0
100	PI/2 BPSK	135	69	14.76			15.5	0.0
100	PI/2 BPSK	135	138	14.75			15.5	0.0
100	PI/2 BPSK	270	0	14.78				
100	QPSK	1	1	14.81			15.5	0.0
100	QPSK	1	137	14.76				
100	QPSK	1	271	14.79				
100	QPSK	135	0	14.73			15.5	0.0
100	QPSK	135	69	14.74				
100	QPSK	135	138	14.67				
100	QPSK	270	0	14.70			15.5	0.0
100	16QAM	1	1	14.67			15.5	0.0
100	64QAM	1	1	14.72			15.5	0.0
100	256QAM	1	1	14.51			15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.72	14.71	14.67	15.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	14.72	14.69	14.76	15.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	14.71	14.72	14.72	15.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	14.66	14.74	14.71	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.72	14.73	14.74	15.5	0.0

Part27O n77(PC2/PC3)_FCC_ANT 13 DFT-30(DSI10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.31	14.39	14.32	15.5	0.0
100	PI/2 BPSK	1	137	14.42	14.45	14.38		
100	PI/2 BPSK	1	271	14.26	14.39	14.33		
100	PI/2 BPSK	135	0	14.32	14.39	14.29	15.5	0.0
100	PI/2 BPSK	135	69	14.37	14.45	14.35	15.5	0.0
100	PI/2 BPSK	135	138	14.29	14.42	14.39	15.5	0.0
100	PI/2 BPSK	270	0	14.37	14.48	14.36		
100	QPSK	1	1	14.41	14.51	14.39	15.5	0.0
100	QPSK	1	137	14.27	14.35	14.30		
100	QPSK	1	271	14.24	14.32	14.22		
100	QPSK	135	0	14.24	14.31	14.21	15.5	0.0
100	QPSK	135	69	14.34	14.45	14.35		
100	QPSK	135	138	14.12	14.17	14.07		
100	QPSK	270	0	14.26	14.31	14.25	15.5	0.0
100	16QAM	1	1	14.41	14.50	14.46	15.5	0.0
100	64QAM	1	1	14.40	14.47	14.39	15.5	0.0
100	256QAM	1	1	14.32	14.38	14.25	15.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.45	14.42	14.41	15.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.42	14.40	14.43	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.41	14.42	14.45	15.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	14.45	14.43	14.41	15.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.46	14.44	14.40	15.5	0.0

n38_ANT 2 DFT-30(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2549.02	2550	2550.98		
40	Pi/2 BPSK	1	1	22.84	22.81	22.86	24.7	0.0
40	Pi/2 BPSK	1	53	22.76	22.72	22.73		
40	Pi/2 BPSK	1	104	22.75	22.73	22.71		
40	Pi/2 BPSK	50	0	22.72	22.81	22.75	24.2	0.5
40	Pi/2 BPSK	50	28	22.74	22.69	22.68	24.7	0.0
40	Pi/2 BPSK	50	56	22.69	22.68	22.66	24.2	0.5
40	Pi/2 BPSK	100	0	22.77	22.75	22.73		
40	QPSK	1	1	23.40	23.51	23.48	24.7	0.0
40	QPSK	1	53	23.34	23.50	23.35		
40	QPSK	1	104	23.27	23.48	22.83		
40	QPSK	50	0	22.11	22.15	22.14	23.7	1.0
40	QPSK	50	28	22.12	22.20	22.15		
40	QPSK	50	56	19.15	19.10	19.20		
40	QPSK	100	0	20.71	20.72	20.70	22.7	2.0
40	16QAM	1	1	21.89	21.87	21.77	23.7	1.0
40	64QAM	1	1	20.39	20.41	20.27	22.2	2.5
40	256QAM	1	1	18.73	18.81	18.61	20.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545.01	2550	2554.99		
30	QPSK	1	1	23.40	23.40	23.38	24.7	0.0
Channel				516024	519000	521976	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.52	2550	2557.48		
20	QPSK	1	1	23.42	23.38	23.38	24.7	0.0

n41(PC3)_FCC_ANT 2 DFT-30(DSB&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	23.33	23.33	23.21	24.2	0.0
100	Pi/2 BPSK	1	137	23.29	23.31	23.17		
100	Pi/2 BPSK	1	271	23.24	23.15	23.01		
100	Pi/2 BPSK	135	0	23.34	22.79	23.21	23.7	0.5
100	Pi/2 BPSK	135	69	23.32	23.31	23.09	24.2	0.0
100	Pi/2 BPSK	135	138	23.28	22.67	22.98	23.7	0.5
100	Pi/2 BPSK	270	0	23.31	22.70	23.09		
100	QPSK	1	1	23.31	23.35	23.28	24.2	0.0
100	QPSK	1	137	23.30	22.76	23.09		
100	QPSK	1	271	22.85	23.13	22.45		
100	QPSK	135	0	22.90	22.50	22.53	24.2	0.0
100	QPSK	135	69	22.92	22.93	22.91		
100	QPSK	135	138	22.68	22.29	22.37		
100	QPSK	270	0	22.33	22.34	22.30	23.2	1.0
100	16QAM	1	1	22.42	22.07	22.43	23.2	1.0
100	64QAM	1	1	20.88	20.54	20.95	21.7	2.5
100	256QAM	1	1	19.13	18.75	18.83	19.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.29	23.31	23.33	24.2	0.0
Channel				507234	518598	529962	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.29	23.26	23.28	24.2	0.0
Channel				506202	518598	531396	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.30	23.34	23.34	24.2	0.0
Channel				504234	518598	532962	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.30	23.25	23.29	24.2	0.0
Channel				502202	518598	534528	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.27	23.29	23.30	24.2	0.0
Channel				502202	518598	534528	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.31	23.33	23.30	24.2	0.0
Channel				501204	518598	535926	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.28	23.31	23.32	24.2	0.0

n41(PC2)_FCC_ANT 2 DFT-30(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	26.18	26.12	26.06	27.2	0.0
100	Pi/2 BPSK	1	137	26.23	26.14	26.03		
100	Pi/2 BPSK	1	271	26.14	26.10	26.02		
100	Pi/2 BPSK	135	0	26.22	26.11	26.06	26.7	0.5
100	Pi/2 BPSK	135	69	26.12	26.08	26.02	27.2	0.0
100	Pi/2 BPSK	135	138	26.23	26.13	26.05	26.7	0.5
100	Pi/2 BPSK	270	0	26.13	26.07	26.02		
100	QPSK	1	1	26.32	26.21	26.15	27.2	0.0
100	QPSK	1	137	26.26	26.15	26.10		
100	QPSK	1	271	26.20	26.14	26.09		
100	QPSK	135	0	26.21	26.13	26.08	27.2	0.0
100	QPSK	135	69	26.24	26.14	26.09		
100	QPSK	135	138	26.18	26.01	26.02		
100	QPSK	270	0	25.24	25.08	25.04	26.2	1.0
100	16QAM	1	1	25.54	25.15	25.28	26.2	1.0
100	64QAM	1	1	23.56	23.46	23.91	24.7	2.5
100	256QAM	1	1	21.76	21.55	21.58	22.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.25	26.20	26.24	27.2	0.0
Channel				507234	518598	529962	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.22	26.27	26.26	27.2	0.0
Channel				506202	518598	531396	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.21	26.27	26.19	27.2	0.0
Channel				504234	518598	532962	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.26	26.23	26.21	27.2	0.0
Channel				502202	518598	534528	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.23	26.27	26.25	27.2	0.0
Channel				502202	518598	534528	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.21	26.19	26.21	27.2	0.0
Channel				501204	518598	535926	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.23	26.20	26.19	27.2	0.0

n41(PC2/PC3/UL MIMO)_FCC_ANT 5 DFT-30(DSB&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	18.78	18.65	18.81	20.2	0.0
100	Pi/2 BPSK	1	137	18.84	18.62	18.74		
100	Pi/2 BPSK	1	271	18.80	18.61	18.71		
100	Pi/2 BPSK	135	0	18.81	18.68	18.80	20.2	0.0
100	Pi/2 BPSK	135	69	18.76	18.62	18.73		
100	Pi/2 BPSK	135	138	18.72	18.63	18.72	20.2	0.0
100	Pi/2 BPSK	270	0	18.75	18.62	18.71		
100	QPSK	1	1	18.85	18.71	18.79	20.2	0.0
100	QPSK	1	137	18.78	18.63	18.77		
100	QPSK	1	271	18.81	18.60	18.74		
100	QPSK	135	0	18.77	18.59	18.73	20.2	0.0
100	QPSK	135	69	18.79	18.61	18.76		
100	QPSK	135	138	18.56	18.36	18.55		
100	QPSK	270	0	18.61	18.42	18.51	20.2	0.0
100	16QAM	1	1	18.60	18.70	18.71	20.2	0.0
100	64QAM	1	1	18.77	18.67	18.66	20.2	0.0
100	256QAM	1	1	18.72	18.64	18.70	20.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.60	18.77	18.74	20.2	0.0
Channel				507234	518598	529962	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.59	18.75	18.72	20.2	0.0
Channel				506202	518598	531396	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.61	18.80	18.73	20.2	0.0
Channel				504234	518598	532962	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.60	18.70	18.74	20.2	0.0
Channel				502202	518598	534528	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.64	18.71	18.64	20.2	0.0
Channel				502202	518598	534528	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.65	18.79	18.64	20.2	0.0
Channel				501204	518598	535926	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.65	18.71	18.69	20.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 5 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pi/2 BPSK	1	1	19.24				
100	Pi/2 BPSK	1	137	19.17			20.2	0.0
100	Pi/2 BPSK	1	271	19.13				
100	Pi/2 BPSK	135	0	19.23			20.2	0.0
100	Pi/2 BPSK	135	69	19.16			20.2	0.0
100	Pi/2 BPSK	135	138	19.08			20.2	0.0
100	Pi/2 BPSK	270	0	19.15				
100	QPSK	1	1	19.29				
100	QPSK	1	137	19.17			20.2	0.0
100	QPSK	1	271	19.24				
100	QPSK	135	0	19.22				
100	QPSK	135	69	19.27			20.2	0.0
100	QPSK	135	138	19.08				
100	QPSK	270	0	19.17			20.2	0.0
100	16QAM	1	1	19.25			20.2	0.0
100	64QAM	1	1	19.23			20.2	0.0
100	256QAM	1	1	19.16			20.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.26	19.20	19.22	20.2	0.0
Channel				632332	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	19.26	19.20	19.20	20.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	19.14	19.22	19.18	20.2	0.0
Channel				631002	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	19.15	19.18	19.18	20.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3500.01	3540		
20	QPSK	1	1	19.19	19.14	19.15	20.2	0.0

Part27O n77(PC2/PC3)_FCC_ANT 5 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	19.03	19.05	19.08		
100	Pi/2 BPSK	1	137	18.98	19.08	19.00	20.2	0.0
100	Pi/2 BPSK	1	271	19.03	19.04	18.98		
100	Pi/2 BPSK	135	0	19.07	18.98	18.97	20.2	0.0
100	Pi/2 BPSK	135	69	19.07	19.04	19.00	20.2	0.0
100	Pi/2 BPSK	135	138	19.08	18.96	18.98	20.2	0.0
100	Pi/2 BPSK	270	0	18.98	19.01	19.02		
100	QPSK	1	1	19.16	19.08	19.10		
100	QPSK	1	137	19.05	19.05	19.02	20.2	0.0
100	QPSK	1	271	19.12	19.01	19.08		
100	QPSK	135	0	19.09	19.07	19.05		
100	QPSK	135	69	19.14	19.08	19.09	20.2	0.0
100	QPSK	135	138	19.13	19.05	19.08		
100	QPSK	270	0	19.13	19.10	19.02	20.2	0.0
100	16QAM	1	1	19.12	19.04	19.06	20.2	0.0
100	64QAM	1	1	19.07	19.06	19.12	20.2	0.0
100	256QAM	1	1	19.12	19.11	19.01	20.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.93	19.03	18.97	20.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.03	19.06	18.95	20.2	0.0
Channel				648002	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.95	19.02	19.05	20.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.02	19.05	18.96	20.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.96	19.09	18.98	20.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 10 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pi/2 BPSK	1	1	20.21				
100	Pi/2 BPSK	1	137	20.09			21.2	0.0
100	Pi/2 BPSK	1	271	20.14				
100	Pi/2 BPSK	135	0	20.07			21.2	0.0
100	Pi/2 BPSK	135	69	20.20			21.2	0.0
100	Pi/2 BPSK	135	138	20.15			21.2	0.0
100	Pi/2 BPSK	270	0	20.21				
100	QPSK	1	1	20.22				
100	QPSK	1	137	20.12			21.2	0.0
100	QPSK	1	271	20.10				
100	QPSK	135	0	20.13				
100	QPSK	135	69	20.16			21.2	0.0
100	QPSK	135	138	20.14				
100	QPSK	270	0	20.13			21.2	0.0
100	16QAM	1	1	20.13			21.2	0.0
100	64QAM	1	1	20.08			21.2	0.0
100	256QAM	1	1	18.12			19.2	2.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.14	20.17	20.15	21.2	0.0
Channel				632332	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	20.07	20.15	20.16	21.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	20.08	20.14	20.13	21.2	0.0
Channel				631002	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	20.10	20.13	20.12	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3500.01	3540		
20	QPSK	1	1	20.07	20.09	20.14	21.2	0.0

Part27O n77(PC2/PC3)_FCC_ANT 10 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	20.00	19.94	20.03		
100	Pi/2 BPSK	1	137	20.09	19.95	19.98	21.2	0.0
100	Pi/2 BPSK	1	271	20.15	20.08	20.02		
100	Pi/2 BPSK	135	0	20.08	20.14	20.07	21.2	0.0
100	Pi/2 BPSK	135	69	20.10	20.00	20.10	21.2	0.0
100	Pi/2 BPSK	135	138	20.01	20.11	19.97	21.2	0.0
100	Pi/2 BPSK	270	0	20.16	20.01	20.09		
100	QPSK	1	1	20.14	20.17	20.13		
100	QPSK	1	137	20.13	20.06	20.12	21.2	0.0
100	QPSK	1	271	20.13	20.08	20.10		
100	QPSK	135	0	20.00	20.04	19.99		
100	QPSK	135	69	20.07	20.15	20.12	21.2	0.0
100	QPSK	135	138	20.07	20.07	20.06		
100	QPSK	270	0	20.10	20.11	20.06	21.2	0.0
100	16QAM	1	1	20.08	20.10	20.03	21.2	0.0
100	64QAM	1	1	19.99	20.01	20.04	21.2	0.0
100	256QAM	1	1	18.38	18.41	18.43	19.2	2.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.94	20.08	20.06	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.95	20.05	20.00	21.2	0.0
Channel				648002	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.03	20.07	20.05	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.98	20.05	20.07	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.00	20.04	20.06	21.2	0.0

Par27Q n77(PC3)_FCC_ANT 6 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3505.01				
100	Pi/2 BPSK	1	1	18.00			18.7	0.0
100	Pi/2 BPSK	1	137	17.61				
100	Pi/2 BPSK	1	271	17.68				
100	Pi/2 BPSK	135	0	17.77			18.7	0.0
100	Pi/2 BPSK	135	69	17.59			18.7	0.0
100	Pi/2 BPSK	135	138	17.68			18.7	0.0
100	Pi/2 BPSK	270	0	17.59				
100	QPSK	1	1	18.02			18.7	0.0
100	QPSK	1	137	17.76				
100	QPSK	1	271	17.58				
100	QPSK	135	0	17.67			18.7	0.0
100	QPSK	135	69	17.77				
100	QPSK	135	138	17.55				
100	QPSK	270	0	17.43			18.7	0.0
100	16QAM	1	1	17.81			18.7	0.0
100	64QAM	1	1	17.74			18.7	0.0
100	256QAM	1	1	16.94			17.7	1.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3420.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.96	17.83	17.90	18.7	0.0
Channel				632002	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.87	17.76	17.76	18.7	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.96	17.77	17.81	18.7	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.95	17.70	17.79	18.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.94	17.70	17.81	18.7	0.0

Par27Q n77(PC2)_FCC_ANT 6 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pi/2 BPSK	1	1	20.50			21.2	0.0
100	Pi/2 BPSK	1	137	20.12				
100	Pi/2 BPSK	1	271	19.83				
100	Pi/2 BPSK	135	0	20.26			20.7	0.5
100	Pi/2 BPSK	135	69	20.03			21.2	0.0
100	Pi/2 BPSK	135	138	19.41			20.7	0.5
100	Pi/2 BPSK	270	0	19.94				
100	QPSK	1	1	20.54			21.2	0.0
100	QPSK	1	137	20.23				
100	QPSK	1	271	19.92				
100	QPSK	135	0	20.21			21.2	0.0
100	QPSK	135	69	20.27				
100	QPSK	135	138	19.86				
100	QPSK	270	0	19.98			20.7	0.5
100	16QAM	1	1	20.30			20.7	0.5
100	64QAM	1	1	18.92			19.7	1.5
100	256QAM	1	1	16.91			17.7	3.5
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3420.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.43	20.33	20.38	21.2	0.0
Channel				632002	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.47	20.25	20.26	21.2	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.48	20.26	20.31	21.2	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.39	20.26	20.28	21.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.46	20.25	20.30	21.2	0.0

Par27Q n77(PC3)_FCC_ANT 6 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	17.63	17.45	17.60	18.7	0.0
100	Pi/2 BPSK	1	137	17.62	17.68	17.63		
100	Pi/2 BPSK	1	271	17.66	17.49	17.50		
100	Pi/2 BPSK	135	0	17.48	17.50	17.16	18.7	0.0
100	Pi/2 BPSK	135	69	17.68	17.48	17.61	18.7	0.0
100	Pi/2 BPSK	135	138	17.61	17.51	17.48	18.7	0.0
100	Pi/2 BPSK	270	0	17.45	17.22	17.47		
100	QPSK	1	1	17.69	17.79	17.81	18.7	0.0
100	QPSK	1	137	17.44	17.47	17.65		
100	QPSK	1	271	17.48	17.46	17.51		
100	QPSK	135	0	17.38	17.39	17.49	18.7	0.0
100	QPSK	135	69	17.52	17.45	17.55		
100	QPSK	135	138	17.51	17.43	17.45		
100	QPSK	270	0	17.17	17.23	17.30	18.7	0.0
100	16QAM	1	1	17.28	17.28	17.41	18.7	0.0
100	64QAM	1	1	17.23	17.20	17.37	18.7	0.0
100	256QAM	1	1	15.59	15.25	15.44	17.7	1.0
Channel				640224	656000	671776	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.62	17.68	17.66	18.7	0.0
Channel				640666	656000	671334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.56	17.71	17.76	18.7	0.0
Channel				640002	656000	670998	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.55	17.66	17.70	18.7	0.0
Channel				639668	656000	672332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.59	17.67	17.75	18.7	0.0
Channel				639334	656000	672666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.62	17.66	17.70	18.7	0.0

Par27Q n77(PC2)_FCC_ANT 6 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	19.97	19.76	19.94	21.2	0.0
100	Pi/2 BPSK	1	137	19.94	20.14	20.13		
100	Pi/2 BPSK	1	271	19.92	19.82	19.86		
100	Pi/2 BPSK	135	0	19.82	19.77	19.45	20.7	0.5
100	Pi/2 BPSK	135	69	19.94	19.83	19.92	21.2	0.0
100	Pi/2 BPSK	135	138	19.46	19.35	19.38	20.7	0.5
100	Pi/2 BPSK	270	0	19.31	18.97	19.42		
100	QPSK	1	1	20.22	20.24	20.27	21.2	0.0
100	QPSK	1	137	19.99	19.97	20.15		
100	QPSK	1	271	19.96	19.95	20.02		
100	QPSK	135	0	19.83	19.59	19.44	21.2	0.0
100	QPSK	135	69	19.89	19.75	19.99		
100	QPSK	135	138	19.47	19.29	19.35		
100	QPSK	270	0	19.38	18.98	19.48	20.7	0.5
100	16QAM	1	1	18.86	19.02	19.19	20.7	0.5
100	64QAM	1	1	17.67	17.35	17.67	19.7	1.5
100	256QAM	1	1	15.55	15.22	15.42	17.7	3.5
Channel				640224	656000	671776	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	20.09	20.09	20.20	21.2	0.0
Channel				640666	656000	671334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	20.08	20.19	20.16	21.2	0.0
Channel				640002	656000	670998	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.07	20.15	20.15	21.2	0.0
Channel				639668	656000	672332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	20.11	20.15	20.15	21.2	0.0
Channel				639334	656000	672666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	20.13	20.16	20.14	21.2	0.0

Par27Q n77(PC3)_FCC_ANT 13 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	19.91				
100	PI/2 BPSK	1	137	19.88			21.2	0.0
100	PI/2 BPSK	1	271	19.86				
100	PI/2 BPSK	135	0	19.96			21.2	0.0
100	PI/2 BPSK	135	69	19.89			21.2	0.0
100	PI/2 BPSK	135	138	19.78			21.2	0.0
100	PI/2 BPSK	270	0	19.85				
100	QPSK	1	1	20.01			21.2	0.0
100	QPSK	1	137	19.91				
100	QPSK	1	271	19.89				
100	QPSK	135	0	19.98			21.2	0.0
100	QPSK	135	69	19.91				
100	QPSK	135	138	19.79				
100	QPSK	270	0	19.98			21.2	0.0
100	16QAM	1	1	19.91			21.2	0.0
100	64QAM	1	1	19.96			21.2	0.0
100	256QAM	1	1	19.27			20.2	1.0
Channel				632016	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.96	19.88	19.91	21.2	0.0
Channel				632016	633334	634648	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3500.01	3519.99		
60	QPSK	1	1	19.84	19.82	19.78	21.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	19.88	19.74	19.84	21.2	0.0
Channel				631016	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	19.90	19.81	19.80	21.2	0.0
Channel				630334	633334	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3500.01	3540		
20	QPSK	1	1	19.81	19.83	19.76	21.2	0.0

Par27Q n77(PC2)_FCC_ANT 13 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	22.41				
100	PI/2 BPSK	1	137	22.38			23.7	0.0
100	PI/2 BPSK	1	271	22.36				
100	PI/2 BPSK	135	0	22.46			23.2	0.5
100	PI/2 BPSK	135	69	22.39			23.7	0.0
100	PI/2 BPSK	135	138	22.28			23.2	0.5
100	PI/2 BPSK	270	0	22.35				
100	QPSK	1	1	22.51			23.7	0.0
100	QPSK	1	137	22.41				
100	QPSK	1	271	22.39				
100	QPSK	135	0	22.38			23.7	0.0
100	QPSK	135	69	22.41				
100	QPSK	135	138	22.29				
100	QPSK	270	0	22.38			22.7	1.0
100	16QAM	1	1	22.41			22.7	1.0
100	64QAM	1	1	21.51			22.2	1.5
100	256QAM	1	1	19.32			20.2	3.5
Channel				632016	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.39	22.38	22.42	23.7	0.0
Channel				632016	633334	634648	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3500.01	3519.99		
60	QPSK	1	1	22.32	22.30	22.33	23.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	22.25	22.25	22.32	23.7	0.0
Channel				631016	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	22.32	22.28	22.27	23.7	0.0
Channel				630334	633334	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3500.01	3540		
20	QPSK	1	1	22.34	22.23	22.33	23.7	0.0

Part27O n77(PC3)_FCC_ANT 13 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.70	19.84	19.87		
100	PI/2 BPSK	1	137	19.87	19.96	19.62	21.2	0.0
100	PI/2 BPSK	1	271	19.83	19.78	19.73		
100	PI/2 BPSK	135	0	19.88	19.91	19.93	21.2	0.0
100	PI/2 BPSK	135	69	19.57	19.87	19.78	21.2	0.0
100	PI/2 BPSK	135	138	19.23	19.81	19.76	21.2	0.0
100	PI/2 BPSK	270	0	19.57	19.97	19.33		
100	QPSK	1	1	19.71	19.97	19.92	21.2	0.0
100	QPSK	1	137	19.61	19.95	19.71		
100	QPSK	1	271	19.56	19.80	19.53		
100	QPSK	135	0	19.54	19.93	19.72	21.2	0.0
100	QPSK	135	69	19.85	19.96	19.78		
100	QPSK	135	138	19.25	19.80	19.41		
100	QPSK	270	0	19.59	19.87	19.68	21.2	0.0
100	16QAM	1	1	19.78	19.93	19.67	21.2	0.0
100	64QAM	1	1	19.76	19.90	19.66	21.2	0.0
100	256QAM	1	1	18.53	18.76	18.33	20.2	1.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.56	19.88	19.80	21.2	0.0
Channel				649668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.65	19.85	19.79	21.2	0.0
Channel				649002	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.61	19.82	19.80	21.2	0.0
Channel				648668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.58	19.92	19.82	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.58	19.90	19.79	21.2	0.0

Part27O n77(PC2)_FCC_ANT 13 DFT-30(DSI8&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.20	22.34	22.37		
100	PI/2 BPSK	1	137	22.07	22.46	22.12	23.7	0.0
100	PI/2 BPSK	1	271	22.03	22.28	21.43		
100	PI/2 BPSK	135	0	21.78	22.41	21.43	23.2	0.5
100	PI/2 BPSK	135	69	22.07	22.37	21.68	23.7	0.0
100	PI/2 BPSK	135	138	21.73	22.31	21.06	23.2	0.5
100	PI/2 BPSK	270	0	22.07	22.37	21.83		
100	QPSK	1	1	22.21	22.47	22.42	23.7	0.0
100	QPSK	1	137	22.11	22.45	22.21		
100	QPSK	1	271	22.06	22.30	21.53		
100	QPSK	135	0	22.04	22.43	21.62	23.7	0.0
100	QPSK	135	69	22.05	22.46	21.98		
100	QPSK	135	138	21.75	22.30	20.91		
100	QPSK	270	0	22.09	22.37	21.40	22.7	1.0
100	16QAM	1	1	22.28	22.43	22.17	22.7	1.0
100	64QAM	1	1	20.74	20.91	20.53	22.2	1.5
100	256QAM	1	1	18.56	18.80	18.35	20.2	3.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.11	22.36	22.27	23.7	0.0
Channel				649668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.09	22.35	22.29	23.7	0.0
Channel				649002	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.14	22.37	22.37	23.7	0.0
Channel				648668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	22.12	22.32	22.34	23.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.08	22.40	22.33	23.7	0.0

n38_ANT 2 DFT-30(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.61	19.58	19.47	20.7	0.0
40	PI/2 BPSK	1	53	19.47	19.50	19.40		
40	PI/2 BPSK	1	104	19.42	19.53	19.44		
40	PI/2 BPSK	50	0	19.55	19.51	19.32	20.7	0.0
40	PI/2 BPSK	50	28	19.48	19.51	19.41	20.7	0.0
40	PI/2 BPSK	50	56	19.44	19.49	19.38	20.7	0.0
40	PI/2 BPSK	100	0	19.43	19.44	19.45		
40	QPSK	1	1	19.53	19.69	19.50	20.7	0.0
40	QPSK	1	53	19.50	19.56	19.45		
40	QPSK	1	104	19.46	19.47	19.27		
40	QPSK	50	0	19.48	19.48	19.37	19.7	1.0
40	QPSK	50	28	19.46	19.52	19.42		
40	QPSK	50	56	19.32	19.50	19.31		
40	QPSK	100	0	19.48	19.52	19.41	20.7	0.0
40	16QAM	1	1	19.55	19.52	19.51	20.7	0.0
40	64QAM	1	1	19.47	19.48	19.49	20.7	0.0
40	256QAM	1	1	18.71	18.96	18.90	20.2	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.39	19.55	19.44	20.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
20	QPSK	1	1	19.38	19.57	19.42	20.7	0.0

n41(PC2/PC3)_FCC_ANT 2 DFT-30(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.66	19.61	19.56	20.7	0.0
100	PI/2 BPSK	1	137	19.54	19.53	19.49		
100	PI/2 BPSK	1	271	19.47	19.59	19.48		
100	PI/2 BPSK	135	0	19.63	19.57	19.42	20.7	0.0
100	PI/2 BPSK	135	69	19.51	19.54	19.49	20.7	0.0
100	PI/2 BPSK	135	138	19.51	19.52	19.44	20.7	0.0
100	PI/2 BPSK	270	0	19.53	19.53	19.48		
100	QPSK	1	1	19.62	19.72	19.56	20.7	0.0
100	QPSK	1	137	19.56	19.60	19.48		
100	QPSK	1	271	19.53	19.55	19.37		
100	QPSK	135	0	19.51	19.57	19.44	20.7	0.0
100	QPSK	135	69	19.52	19.60	19.46		
100	QPSK	135	138	19.41	19.55	19.37		
100	QPSK	270	0	19.52	19.56	19.44	20.7	0.0
100	16QAM	1	1	19.63	19.61	19.59	20.7	0.0
100	64QAM	1	1	19.56	19.54	19.52	20.7	0.0
100	256QAM	1	1	18.88	18.70	18.63	19.7	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.60	19.63	19.69	20.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.64	19.63	19.61	20.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.60	19.60	19.61	20.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.62	19.67	19.60	20.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.60	19.62	19.62	20.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.69	19.66	19.65	20.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.69	19.69	19.63	20.7	0.0

n41(PC2/PC3/UL MIMO)_FCC_ANT 5 DFT-30(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.56	13.45	13.50	14.2	0.0
100	PI/2 BPSK	1	137	13.54	13.48	13.45		
100	PI/2 BPSK	1	271	13.49	13.46	13.56		
100	PI/2 BPSK	135	0	13.53	13.47	13.46	14.2	0.0
100	PI/2 BPSK	135	69	13.46	13.56	13.53	14.2	0.0
100	PI/2 BPSK	135	138	13.54	13.46	13.54	14.2	0.0
100	PI/2 BPSK	270	0	13.52	13.52	13.56		
100	QPSK	1	1	13.40	13.57	13.48	14.2	0.0
100	QPSK	1	137	13.32	13.49	13.46		
100	QPSK	1	271	13.27	13.43	13.40		
100	QPSK	135	0	13.35	13.47	13.44	14.2	0.0
100	QPSK	135	69	13.39	13.51	13.48		
100	QPSK	135	138	13.25	13.41	13.47		
100	QPSK	270	0	13.36	13.47	13.39	14.2	0.0
100	16QAM	1	1	13.27	13.26	13.19	14.2	0.0
100	64QAM	1	1	13.24	13.31	13.16	14.2	0.0
100	256QAM	1	1	13.03	13.21	12.95	14.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.26	13.52	13.37	14.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.30	13.49	13.35	14.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	13.31	13.44	13.40	14.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.24	13.49	13.35	14.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.28	13.45	13.43	14.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.26	13.45	13.39	14.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.32	13.48	13.37	14.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 5 DFT-30(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	18.74			19.7	0.0
100	PI/2 BPSK	1	137	18.67				
100	PI/2 BPSK	1	271	18.63				
100	PI/2 BPSK	135	0	18.73			19.7	0.0
100	PI/2 BPSK	135	69	18.66			19.7	0.0
100	PI/2 BPSK	135	138	18.58			19.7	0.0
100	PI/2 BPSK	270	0	18.65				
100	QPSK	1	1	18.79			19.7	0.0
100	QPSK	1	137	18.67				
100	QPSK	1	271	18.74				
100	QPSK	135	0	18.72			19.7	0.0
100	QPSK	135	69	18.77				
100	QPSK	135	138	18.58				
100	QPSK	270	0	18.67			19.7	0.0
100	16QAM	1	1	18.75			19.7	0.0
100	64QAM	1	1	18.73			19.7	0.0
100	256QAM	1	1	18.66			19.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.68	18.70	18.65	19.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	18.69	18.64	18.64	19.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	18.66	18.73	18.64	19.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	18.71	18.64	18.70	19.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.70	18.70	18.71	19.7	0.0

Part27O n77(PC2/PC3)_FCC_ANT 5 DFT-30(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.53	18.55	18.58	19.7	0.0
100	PI/2 BPSK	1	137	18.48	18.58	18.50		
100	PI/2 BPSK	1	271	18.53	18.54	18.48		
100	PI/2 BPSK	135	0	18.57	18.46	18.47	19.7	0.0
100	PI/2 BPSK	135	69	18.57	18.54	18.50	19.7	0.0
100	PI/2 BPSK	135	138	18.56	18.46	18.48	19.7	0.0
100	PI/2 BPSK	270	0	18.48	18.51	18.59		
100	QPSK	1	1	18.66	18.59	18.60	19.7	0.0
100	QPSK	1	137	18.55	18.55	18.52		
100	QPSK	1	271	18.62	18.51	18.58		
100	QPSK	135	0	18.59	18.57	18.55	19.7	0.0
100	QPSK	135	69	18.64	18.58	18.56		
100	QPSK	135	138	18.63	18.53	18.53		
100	QPSK	270	0	18.63	18.57	18.52	19.7	0.0
100	16QAM	1	1	18.62	18.54	18.56	19.7	0.0
100	64QAM	1	1	18.57	18.56	18.62	19.7	0.0
100	256QAM	1	1	18.62	18.61	18.51	19.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.52	18.53	18.45	19.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.43	18.51	18.54	19.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.47	18.53	18.47	19.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.49	18.61	18.53	19.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.46	18.61	18.51	19.7	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 10 DFT-30(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.70			16.7	0.0
100	PI/2 BPSK	1	137	15.61				
100	PI/2 BPSK	1	271	15.61				
100	PI/2 BPSK	135	0	15.60			16.7	0.0
100	PI/2 BPSK	135	69	15.70			16.7	0.0
100	PI/2 BPSK	135	138	15.61			16.7	0.0
100	PI/2 BPSK	270	0	15.67				
100	QPSK	1	1	15.72			16.7	0.0
100	QPSK	1	137	15.61				
100	QPSK	1	271	15.58				
100	QPSK	135	0	15.62			16.7	0.0
100	QPSK	135	69	15.70				
100	QPSK	135	138	15.68				
100	QPSK	270	0	15.67			16.7	0.0
100	16QAM	1	1	15.64			16.7	0.0
100	64QAM	1	1	15.57			16.7	0.0
100	256QAM	1	1	15.59			16.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.66	15.65	15.67	16.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	15.60	15.60	15.67	16.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	15.64	15.58	15.64	16.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	15.62	15.57	15.61	16.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.66	15.61	15.66	16.7	0.0

Part27O n77(PC2/PC3)_FCC_ANT 10 DFT-30(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.53	15.49	15.51	16.7	0.0
100	PI/2 BPSK	1	137	15.55	15.49	15.51		
100	PI/2 BPSK	1	271	15.61	15.53	15.49		
100	PI/2 BPSK	135	0	15.57	15.59	15.58	16.7	0.0
100	PI/2 BPSK	135	69	15.61	15.51	15.60	16.7	0.0
100	PI/2 BPSK	135	138	15.56	15.60	15.50	16.7	0.0
100	PI/2 BPSK	270	0	15.61	15.55	15.61		
100	QPSK	1	1	15.62	15.64	15.62	16.7	0.0
100	QPSK	1	137	15.58	15.60	15.58		
100	QPSK	1	271	15.61	15.53	15.61		
100	QPSK	135	0	15.50	15.57	15.51	16.7	0.0
100	QPSK	135	69	15.58	15.62	15.61		
100	QPSK	135	138	15.53	15.60	15.60		
100	QPSK	270	0	15.60	15.62	15.57	16.7	0.0
100	16QAM	1	1	15.62	15.60	15.54	16.7	0.0
100	64QAM	1	1	15.49	15.54	15.51	16.7	0.0
100	256QAM	1	1	15.54	15.60	15.58	16.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.45	15.54	15.55	16.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.44	15.55	15.49	16.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.43	15.57	15.48	16.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.43	15.51	15.52	16.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.44	15.58	15.49	16.7	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 6 DFT-30(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.30			16.2	0.0
100	PI/2 BPSK	1	137	15.33				
100	PI/2 BPSK	1	271	15.28				
100	PI/2 BPSK	135	0	15.32			16.2	0.0
100	PI/2 BPSK	135	69	15.34			16.2	0.0
100	PI/2 BPSK	135	138	15.29			16.2	0.0
100	PI/2 BPSK	270	0	15.30				
100	QPSK	1	1	15.38			16.2	0.0
100	QPSK	1	137	15.30				
100	QPSK	1	271	15.31				
100	QPSK	135	0	15.31			16.2	0.0
100	QPSK	135	69	15.35				
100	QPSK	135	138	15.32				
100	QPSK	270	0	15.33			16.2	0.0
100	16QAM	1	1	15.33			16.2	0.0
100	64QAM	1	1	15.33			16.2	0.0
100	256QAM	1	1	15.29			16.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.31	15.32	15.29	16.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	15.23	15.29	15.30	16.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	15.28	15.31	15.32	16.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	15.23	15.29	15.33	16.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.30	15.30	15.24	16.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 6 DFT-30(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.22	15.31	15.31	16.2	0.0
100	PI/2 BPSK	1	137	15.25	15.26	15.22		
100	PI/2 BPSK	1	271	15.26	15.30	15.28		
100	PI/2 BPSK	135	0	15.23	15.32	15.23	16.2	0.0
100	PI/2 BPSK	135	69	15.29	15.23	15.31	16.2	0.0
100	PI/2 BPSK	135	138	15.24	15.26	15.27	16.2	0.0
100	PI/2 BPSK	270	0	15.26	15.31	15.26		
100	QPSK	1	1	15.26	15.30	15.34	16.2	0.0
100	QPSK	1	137	15.24	15.26	15.25		
100	QPSK	1	271	15.23	15.27	15.26		
100	QPSK	135	0	15.25	15.25	15.31	16.2	0.0
100	QPSK	135	69	15.31	15.27	15.32		
100	QPSK	135	138	15.22	15.26	15.28		
100	QPSK	270	0	15.25	15.23	15.28	16.2	0.0
100	16QAM	1	1	15.28	15.26	15.24	16.2	0.0
100	64QAM	1	1	15.27	15.29	15.24	16.2	0.0
100	256QAM	1	1	15.26	15.30	15.25	16.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.27	15.24	15.27	16.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.24	15.23	15.32	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.26	15.25	15.28	16.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.26	15.32	15.32	16.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.25	15.30	15.25	16.2	0.0

Par27Q n77(PC2/PC3)_FCC_ANT 13 DFT-30(DSI17)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	19.14			20.2	0.0
100	PI/2 BPSK	1	137	19.18				
100	PI/2 BPSK	1	271	19.09				
100	PI/2 BPSK	135	0	19.17			20.2	0.0
100	PI/2 BPSK	135	69	19.18			20.2	0.0
100	PI/2 BPSK	135	138	19.16			20.2	0.0
100	PI/2 BPSK	270	0	19.13				
100	QPSK	1	1	19.21			20.2	0.0
100	QPSK	1	137	19.11				
100	QPSK	1	271	19.16				
100	QPSK	135	0	19.11			20.2	0.0
100	QPSK	135	69	19.14				
100	QPSK	135	138	19.12				
100	QPSK	270	0	19.13			20.2	0.0
100	16QAM	1	1	19.11			20.2	0.0
100	64QAM	1	1	19.10			20.2	0.0
100	256QAM	1	1	19.14			20.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.07	19.09	19.10	20.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	19.16	19.13	19.12	20.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	19.15	19.10	19.08	20.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	19.06	19.07	19.16	20.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.11	19.10	19.15	20.2	0.0

Part27O n77(PC2/PC3)_FCC_ANT 13 DFT-30(DSI17)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.98	19.03	19.01	20.2	0.0
100	PI/2 BPSK	1	137	18.97	18.95	19.00		
100	PI/2 BPSK	1	271	18.95	19.03	18.99		
100	PI/2 BPSK	135	0	18.96	19.03	19.02	20.2	0.0
100	PI/2 BPSK	135	69	18.97	18.99	18.99	20.2	0.0
100	PI/2 BPSK	135	138	19.04	19.02	19.02	20.2	0.0
100	PI/2 BPSK	270	0	18.97	18.96	19.04		
100	QPSK	1	1	19.03	19.08	19.00	20.2	0.0
100	QPSK	1	137	19.02	19.00	18.96		
100	QPSK	1	271	19.02	18.95	18.99		
100	QPSK	135	0	18.96	19.00	19.02	20.2	0.0
100	QPSK	135	69	18.97	19.05	19.03		
100	QPSK	135	138	18.95	18.96	18.95		
100	QPSK	270	0	18.96	19.01	18.95	20.2	0.0
100	16QAM	1	1	18.98	19.03	19.04	20.2	0.0
100	64QAM	1	1	18.98	18.95	18.94	20.2	0.0
100	256QAM	1	1	18.50	18.71	18.29	20.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.04	18.96	19.03	20.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.02	19.01	18.98	20.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.05	19.00	19.01	20.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.96	19.02	19.01	20.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.02	18.98	19.00	20.2	0.0

n38_ANT 2 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.61	19.58	19.47	20.7	0.0
40	PI/2 BPSK	1	53	19.47	19.50	19.40		
40	PI/2 BPSK	1	104	19.42	19.53	19.44		
40	PI/2 BPSK	50	0	19.55	19.51	19.32	20.7	0.0
40	PI/2 BPSK	50	28	19.48	19.51	19.41	20.7	0.0
40	PI/2 BPSK	50	56	19.44	19.49	19.38	20.7	0.0
40	PI/2 BPSK	100	0	19.43	19.44	19.45		
40	QPSK	1	1	19.53	19.69	19.50	20.7	0.0
40	QPSK	1	53	19.50	19.56	19.45		
40	QPSK	1	104	19.46	19.47	19.27		
40	QPSK	50	0	19.48	19.48	19.37	19.7	1.0
40	QPSK	50	28	19.46	19.52	19.42		
40	QPSK	50	56	19.32	19.50	19.31		
40	QPSK	100	0	19.48	19.52	19.41	20.7	0.0
40	16QAM	1	1	19.55	19.52	19.51	20.7	0.0
40	64QAM	1	1	19.47	19.48	19.49	20.7	0.0
40	256QAM	1	1	18.71	18.96	18.90	20.2	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.39	19.55	19.44	20.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
20	QPSK	1	1	19.38	19.57	19.42	20.7	0.0

n41(PC2/PC3)_FCC_ANT 2 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.66	19.61	19.56	20.7	0.0
100	PI/2 BPSK	1	137	19.54	19.53	19.49		
100	PI/2 BPSK	1	271	19.47	19.59	19.48		
100	PI/2 BPSK	135	0	19.63	19.57	19.42	20.7	0.0
100	PI/2 BPSK	135	69	19.51	19.54	19.49	20.7	0.0
100	PI/2 BPSK	135	138	19.51	19.52	19.44	20.7	0.0
100	PI/2 BPSK	270	0	19.53	19.53	19.48		
100	QPSK	1	1	19.62	19.72	19.56	20.7	0.0
100	QPSK	1	137	19.56	19.60	19.48		
100	QPSK	1	271	19.53	19.55	19.37		
100	QPSK	135	0	19.51	19.57	19.44	20.7	0.0
100	QPSK	135	69	19.52	19.60	19.46		
100	QPSK	135	138	19.41	19.55	19.37		
100	QPSK	270	0	19.52	19.56	19.44	20.7	0.0
100	16QAM	1	1	19.63	19.61	19.59	20.7	0.0
100	64QAM	1	1	19.56	19.54	19.52	20.7	0.0
100	256QAM	1	1	18.88	18.70	18.63	19.7	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.60	19.63	19.69	20.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.64	19.63	19.61	20.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.60	19.60	19.61	20.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.62	19.67	19.60	20.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.60	19.62	19.62	20.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.69	19.66	19.65	20.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.69	19.69	19.63	20.7	0.0

n41(PC2/PC3/UL MIMO)_FCC_ANT 5 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.47	17.37	17.48	18.7	0.0
100	PI/2 BPSK	1	137	17.52	17.28	17.39		
100	PI/2 BPSK	1	271	17.48	17.27	17.37		
100	PI/2 BPSK	135	0	17.52	17.32	17.45	18.7	0.0
100	PI/2 BPSK	135	69	17.45	17.28	17.38	18.7	0.0
100	PI/2 BPSK	135	138	17.37	17.35	17.43	18.7	0.0
100	PI/2 BPSK	270	0	17.45	17.36	17.45		
100	QPSK	1	1	17.58	17.41	17.50	18.7	0.0
100	QPSK	1	137	17.52	17.33	17.48		
100	QPSK	1	271	17.53	17.30	17.43		
100	QPSK	135	0	17.48	17.34	17.41	18.7	0.0
100	QPSK	135	69	17.52	17.38	17.42		
100	QPSK	135	138	17.23	17.08	17.20		
100	QPSK	270	0	17.46	17.18	17.17	18.7	0.0
100	16QAM	1	1	17.47	17.45	17.40	18.7	0.0
100	64QAM	1	1	17.48	17.38	17.38	18.7	0.0
100	256QAM	1	1	17.40	17.34	17.44	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.16	17.30	17.22	18.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.16	17.32	17.23	18.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.13	17.30	17.23	18.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.15	17.26	17.20	18.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.14	17.23	17.21	18.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.13	17.29	17.25	18.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.09	17.32	17.22	18.7	0.0

Par27Q n77(PC2)_FCC_ANT 5 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	18.74			19.7	0.0
100	PI/2 BPSK	1	137	18.67				
100	PI/2 BPSK	1	271	18.63				
100	PI/2 BPSK	135	0	18.73			19.7	0.0
100	PI/2 BPSK	135	69	18.66			19.7	0.0
100	PI/2 BPSK	135	138	18.58			19.7	0.0
100	PI/2 BPSK	270	0	18.65				
100	QPSK	1	1	18.79			19.7	0.0
100	QPSK	1	137	18.67				
100	QPSK	1	271	18.74				
100	QPSK	135	0	18.72			19.7	0.0
100	QPSK	135	69	18.77				
100	QPSK	135	138	18.58				
100	QPSK	270	0	18.67			19.7	0.0
100	16QAM	1	1	18.75			19.7	0.0
100	64QAM	1	1	18.73			19.7	0.0
100	256QAM	1	1	18.66			19.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.66	18.72	18.70	19.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	18.64	18.72	18.68	19.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	18.70	18.67	18.73	19.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	18.73	18.73	18.72	19.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.74	18.71	18.67	19.7	0.0

Part27O n77(PC2)_FCC_ANT 5 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.53	18.55	18.58	19.7	0.0
100	PI/2 BPSK	1	137	18.48	18.58	18.50		
100	PI/2 BPSK	1	271	18.53	18.54	18.48		
100	PI/2 BPSK	135	0	18.57	18.46	18.47	19.7	0.0
100	PI/2 BPSK	135	69	18.57	18.54	18.50	19.7	0.0
100	PI/2 BPSK	135	138	18.56	18.46	18.48	19.7	0.0
100	PI/2 BPSK	270	0	18.48	18.51	18.59		
100	QPSK	1	1	18.66	18.59	18.60	19.7	0.0
100	QPSK	1	137	18.55	18.55	18.52		
100	QPSK	1	271	18.62	18.51	18.58		
100	QPSK	135	0	18.59	18.57	18.55	19.7	0.0
100	QPSK	135	69	18.64	18.58	18.56		
100	QPSK	135	138	18.63	18.53	18.53		
100	QPSK	270	0	18.63	18.57	18.52	19.7	0.0
100	16QAM	1	1	18.62	18.54	18.56	19.7	0.0
100	64QAM	1	1	18.57	18.56	18.62	19.7	0.0
100	256QAM	1	1	18.62	18.61	18.51	19.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.63	18.56	18.63	19.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.58	18.61	18.57	19.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.55	18.62	18.61	19.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.59	18.62	18.57	19.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.63	18.62	18.62	19.7	0.0

Par27Q n77(PC2)_FCC_ANT 10 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	16.54			17.7	0.0
100	PI/2 BPSK	1	137	16.53				
100	PI/2 BPSK	1	271	16.63				
100	PI/2 BPSK	135	0	16.52			17.7	0.0
100	PI/2 BPSK	135	69	16.59			17.7	0.0
100	PI/2 BPSK	135	138	16.53			17.7	0.0
100	PI/2 BPSK	270	0	16.61				
100	QPSK	1	1	16.65			17.7	0.0
100	QPSK	1	137	16.52				
100	QPSK	1	271	16.56				
100	QPSK	135	0	16.58			17.7	0.0
100	QPSK	135	69	16.60				
100	QPSK	135	138	16.57				
100	QPSK	270	0	16.55			17.7	0.0
100	16QAM	1	1	16.63			17.7	0.0
100	64QAM	1	1	16.54			17.7	0.0
100	256QAM	1	1	16.63			17.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.51	16.50	16.53	17.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	16.53	16.58	16.52	17.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	16.50	16.52	16.53	17.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	16.57	16.54	16.59	17.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.52	16.55	16.54	17.7	0.0

Part27O n77(PC2)_FCC_ANT 10 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.73	16.66	16.61	17.7	0.0
100	PI/2 BPSK	1	137	16.72	16.60	16.62		
100	PI/2 BPSK	1	271	16.71	16.61	16.62		
100	PI/2 BPSK	135	0	16.62	16.67	16.64	17.7	0.0
100	PI/2 BPSK	135	69	16.62	16.66	16.70	17.7	0.0
100	PI/2 BPSK	135	138	16.67	16.69	16.63	17.7	0.0
100	PI/2 BPSK	270	0	16.63	16.72	16.73		
100	QPSK	1	1	16.65	16.75	16.64	17.7	0.0
100	QPSK	1	137	16.60	16.65	16.61		
100	QPSK	1	271	16.62	16.68	16.63		
100	QPSK	135	0	16.63	16.68	16.62	17.7	0.0
100	QPSK	135	69	16.65	16.70	16.67		
100	QPSK	135	138	16.61	16.63	16.65		
100	QPSK	270	0	16.61	16.68	16.62	17.7	0.0
100	16QAM	1	1	16.64	16.64	16.72	17.7	0.0
100	64QAM	1	1	16.67	16.68	16.70	17.7	0.0
100	256QAM	1	1	16.67	16.73	16.70	17.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.66	16.69	16.67	17.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.72	16.72	16.64	17.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.63	16.66	16.72	17.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.64	16.69	16.66	17.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.72	16.71	16.65	17.7	0.0

Par27Q n77(PC3)_FCC_ANT 6 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	18.00			18.7	0.0
100	PI/2 BPSK	1	137	17.61				
100	PI/2 BPSK	1	271	17.68				
100	PI/2 BPSK	135	0	17.77			18.7	0.0
100	PI/2 BPSK	135	69	17.59			18.7	0.0
100	PI/2 BPSK	135	138	17.68			18.7	0.0
100	PI/2 BPSK	270	0	17.59				
100	QPSK	1	1	18.02			18.7	0.0
100	QPSK	1	137	17.76				
100	QPSK	1	271	17.58				
100	QPSK	135	0	17.67			18.7	0.0
100	QPSK	135	69	17.77				
100	QPSK	135	138	17.55				
100	QPSK	270	0	17.43			18.7	0.0
100	16QAM	1	1	17.81			18.7	0.0
100	64QAM	1	1	17.74			18.7	0.0
100	256QAM	1	1	16.94			17.7	1.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.96	17.83	17.90	18.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	17.87	17.76	17.76	18.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	17.96	17.77	17.81	18.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	17.95	17.70	17.79	18.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.94	17.70	17.81	18.7	0.0

Par27Q n77(PC2)_FCC_ANT 6 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.50			21.2	0.0
100	PI/2 BPSK	1	137	20.12				
100	PI/2 BPSK	1	271	19.83				
100	PI/2 BPSK	135	0	20.26			20.7	0.5
100	PI/2 BPSK	135	69	20.03			21.2	0.0
100	PI/2 BPSK	135	138	19.41			20.7	0.5
100	PI/2 BPSK	270	0	19.94				
100	QPSK	1	1	20.54			21.2	0.0
100	QPSK	1	137	20.23				
100	QPSK	1	271	19.82				
100	QPSK	135	0	20.21			21.2	0.0
100	QPSK	135	69	20.27				
100	QPSK	135	138	19.86				
100	QPSK	270	0	19.98			20.7	0.5
100	16QAM	1	1	20.30			20.7	0.5
100	64QAM	1	1	18.92			19.7	1.5
100	256QAM	1	1	16.91			17.7	3.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.43	20.33	20.38	21.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	20.47	20.25	20.28	21.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	20.48	20.26	20.31	21.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	20.39	20.26	20.28	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.46	20.25	20.30	21.2	0.0

Par27Q n77(PC3)_FCC_ANT 6 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.63	17.45	17.60	18.7	0.0
100	PI/2 BPSK	1	137	17.62	17.68	17.63		
100	PI/2 BPSK	1	271	17.66	17.49	17.50		
100	PI/2 BPSK	135	0	17.48	17.50	17.16	18.7	0.0
100	PI/2 BPSK	135	69	17.68	17.48	17.61	18.7	0.0
100	PI/2 BPSK	135	138	17.61	17.51	17.48	18.7	0.0
100	PI/2 BPSK	270	0	17.45	17.22	17.47		
100	QPSK	1	1	17.69	17.78	17.81	18.7	0.0
100	QPSK	1	137	17.44	17.47	17.65		
100	QPSK	1	271	17.48	17.46	17.51		
100	QPSK	135	0	17.38	17.39	17.49	18.7	0.0
100	QPSK	135	69	17.52	17.45	17.55		
100	QPSK	135	138	17.51	17.43	17.45		
100	QPSK	270	0	17.17	17.23	17.30	18.7	0.0
100	16QAM	1	1	17.28	17.28	17.41	18.7	0.0
100	64QAM	1	1	17.23	17.20	17.37	18.7	0.0
100	256QAM	1	1	15.59	15.25	15.44	17.7	1.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.62	17.68	17.66	18.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.56	17.71	17.76	18.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.55	17.66	17.70	18.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	17.59	17.67	17.75	18.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.62	17.66	17.70	18.7	0.0

Par27Q n77(PC2)_FCC_ANT 6 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.97	19.76	19.94	21.2	0.0
100	PI/2 BPSK	1	137	19.94	20.14	20.13		
100	PI/2 BPSK	1	271	19.92	19.82	19.86		
100	PI/2 BPSK	135	0	19.82	19.77	19.45	20.7	0.5
100	PI/2 BPSK	135	69	19.94	19.83	19.92	21.2	0.0
100	PI/2 BPSK	135	138	19.46	19.35	19.38	20.7	0.5
100	PI/2 BPSK	270	0	19.31	18.97	19.42		
100	QPSK	1	1	20.22	20.24	20.27	21.2	0.0
100	QPSK	1	137	19.99	19.97	20.15		
100	QPSK	1	271	19.96	19.95	20.02		
100	QPSK	135	0	19.63	19.59	19.44	21.2	0.0
100	QPSK	135	69	19.89	19.73	19.99		
100	QPSK	135	138	19.47	19.29	19.35		
100	QPSK	270	0	19.38	18.98	19.48	20.7	0.5
100	16QAM	1	1	18.86	19.02	19.19	20.7	0.5
100	64QAM	1	1	17.67	17.35	17.67	19.7	1.5
100	256QAM	1	1	15.55	15.22	15.42	17.7	3.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.09	20.09	20.20	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.08	20.19	20.16	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.07	20.15	20.15	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	20.11	20.15	20.15	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.13	20.16	20.14	21.2	0.0

Par27Q n77(PC3)_FCC_ANT 13 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	19.91			21.2	0.0
100	PI/2 BPSK	1	137	19.88				
100	PI/2 BPSK	1	271	19.86				
100	PI/2 BPSK	135	0	19.96			21.2	0.0
100	PI/2 BPSK	135	69	19.89			21.2	0.0
100	PI/2 BPSK	135	138	19.78			21.2	0.0
100	PI/2 BPSK	270	0	19.85				
100	QPSK	1	1	20.01			21.2	0.0
100	QPSK	1	137	19.91				
100	QPSK	1	271	19.89				
100	QPSK	135	0	19.88			21.2	0.0
100	QPSK	135	69	19.91				
100	QPSK	135	138	19.79				
100	QPSK	270	0	19.88			21.2	0.0
100	16QAM	1	1	19.91			21.2	0.0
100	64QAM	1	1	19.96			21.2	0.0
100	256QAM	1	1	19.27			20.2	1.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.96	19.88	19.91	21.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	19.84	19.82	19.78	21.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.99		
40	QPSK	1	1	19.88	19.74	19.84	21.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	19.90	19.81	19.80	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.81	19.83	19.76	21.2	0.0

Par27Q n77(PC2)_FCC_ANT 13 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	22.41			23.7	0.0
100	PI/2 BPSK	1	137	22.38				
100	PI/2 BPSK	1	271	22.36				
100	PI/2 BPSK	135	0	22.46			23.2	0.5
100	PI/2 BPSK	135	69	22.39			23.7	0.0
100	PI/2 BPSK	135	138	22.28			23.2	0.5
100	PI/2 BPSK	270	0	22.35				
100	QPSK	1	1	22.51			23.7	0.0
100	QPSK	1	137	22.41				
100	QPSK	1	271	22.39				
100	QPSK	135	0	22.38			23.7	0.0
100	QPSK	135	69	22.41				
100	QPSK	135	138	22.29				
100	QPSK	270	0	22.38			22.7	1.0
100	16QAM	1	1	22.41			22.7	1.0
100	64QAM	1	1	21.51			22.2	1.5
100	256QAM	1	1	19.32			20.2	3.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.39	22.38	22.42	23.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	22.32	22.30	22.33	23.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	22.25	22.25	22.32	23.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	22.32	22.28	22.27	23.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.34	22.23	22.33	23.7	0.0

Part27O n77(PC3)_FCC_ANT 13 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.70	19.84	19.87	21.2	0.0
100	PI/2 BPSK	1	137	19.87	19.96	19.62		
100	PI/2 BPSK	1	271	19.83	19.78	19.73		
100	PI/2 BPSK	135	0	19.88	19.91	19.93	21.2	0.0
100	PI/2 BPSK	135	69	19.57	19.87	19.78	21.2	0.0
100	PI/2 BPSK	135	138	19.23	19.81	19.76	21.2	0.0
100	PI/2 BPSK	270	0	19.57	19.87	19.33		
100	QPSK	1	1	19.71	19.97	19.92	21.2	0.0
100	QPSK	1	137	19.61	19.95	19.71		
100	QPSK	1	271	19.56	19.80	19.53		
100	QPSK	135	0	19.54	19.93	19.72	21.2	0.0
100	QPSK	135	69	19.65	19.96	19.78		
100	QPSK	135	138	19.25	19.80	19.41		
100	QPSK	270	0	19.59	19.87	19.68	21.2	0.0
100	16QAM	1	1	19.78	19.93	19.67	21.2	0.0
100	64QAM	1	1	19.76	19.90	19.66	21.2	0.0
100	256QAM	1	1	18.53	18.76	18.33	20.2	1.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.56	19.88	19.80	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.65	19.85	19.79	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.61	19.82	19.80	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.58	19.92	19.82	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.58	19.90	19.79	21.2	0.0

Part27O n77(PC2)_FCC_ANT 13 DFT-30(DSI1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.20	22.34	22.37	23.7	0.0
100	PI/2 BPSK	1	137	22.07	22.46	22.12		
100	PI/2 BPSK	1	271	22.03	22.28	21.43		
100	PI/2 BPSK	135	0	21.78	22.41	21.43	23.2	0.5
100	PI/2 BPSK	135	69	22.07	22.37	21.68	23.7	0.0
100	PI/2 BPSK	135	138	21.73	22.31	21.06	23.2	0.5
100	PI/2 BPSK	270	0	22.07	22.37	21.83		
100	QPSK	1	1	22.21	22.47	22.42	23.7	0.0
100	QPSK	1	137	22.11	22.45	22.21		
100	QPSK	1	271	22.06	22.30	21.53		
100	QPSK	135	0	22.04	22.43	21.62	23.7	0.0
100	QPSK	135	69	22.05	22.46	21.68		
100	QPSK	135	138	21.75	22.30	20.91		
100	QPSK	270	0	22.09	22.37	21.40	22.7	1.0
100	16QAM	1	1	22.28	22.43	22.17	22.7	1.0
100	64QAM	1	1	20.74	20.91	20.53	22.2	1.5
100	256QAM	1	1	18.56	18.80	18.35	20.2	3.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.11	22.36	22.27	23.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.09	22.35	22.29	23.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.14	22.37	22.37	23.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	22.12	22.32	22.34	23.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.08	22.40	22.33	23.7	0.0

n38_ANT 2 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.15	17.96	18.01	19.2	0.0
40	PI/2 BPSK	1	53	17.95	17.93	17.90		
40	PI/2 BPSK	1	104	17.89	18.04	17.87		
40	PI/2 BPSK	50	0	18.04	17.96	17.82	19.2	0.0
40	PI/2 BPSK	50	28	17.96	17.94	17.91	19.2	0.0
40	PI/2 BPSK	50	56	17.92	17.97	17.90	19.2	0.0
40	PI/2 BPSK	100	0	17.99	17.94	17.90		
40	QPSK	1	1	18.07	18.20	18.05	19.2	0.0
40	QPSK	1	53	17.96	18.02	17.87		
40	QPSK	1	104	17.95	18.05	17.81		
40	QPSK	50	0	17.91	18.00	17.90	18.2	1.0
40	QPSK	50	28	17.94	18.06	17.91		
40	QPSK	50	56	17.89	17.97	17.81		
40	QPSK	100	0	17.88	17.97	17.88	19.2	0.0
40	16QAM	1	1	18.13	18.05	18.01	19.2	0.0
40	64QAM	1	1	17.96	18.06	17.93	19.2	0.0
40	256QAM	1	1	17.80	17.81	17.68	19.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.98	18.07	17.91	19.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
20	QPSK	1	1	17.95	18.06	17.96	19.2	0.0

n41(PC2/PC3)_FCC_ANT 2 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.19	18.06	18.07	19.2	0.0
100	PI/2 BPSK	1	137	18.03	18.02	17.94		
100	PI/2 BPSK	1	271	17.95	18.09	17.93		
100	PI/2 BPSK	135	0	18.08	18.05	17.91	19.2	0.0
100	PI/2 BPSK	135	69	18.00	18.02	18.01	19.2	0.0
100	PI/2 BPSK	135	138	17.96	18.06	17.95	19.2	0.0
100	PI/2 BPSK	270	0	18.08	18.02	17.97		
100	QPSK	1	1	18.11	18.23	18.10	19.2	0.0
100	QPSK	1	137	18.01	18.09	17.94		
100	QPSK	1	271	18.02	18.10	17.90		
100	QPSK	135	0	17.98	18.09	17.96	19.2	0.0
100	QPSK	135	69	17.99	18.10	17.98		
100	QPSK	135	138	17.96	18.06	17.91		
100	QPSK	270	0	17.97	18.04	17.92	19.2	0.0
100	16QAM	1	1	18.18	18.11	18.06	19.2	0.0
100	64QAM	1	1	18.05	18.09	18.00	19.2	0.0
100	256QAM	1	1	17.63	17.88	17.77	19.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.06	18.11	17.99	19.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.04	18.11	18.03	19.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.02	18.10	18.00	19.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.04	18.09	18.00	19.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.05	18.16	18.03	19.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.04	18.16	18.01	19.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.00	18.15	17.98	19.2	0.0

n41(PC2/PC3/UL MIMO)_FCC_ANT 5 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.47	17.37	17.48	18.7	0.0
100	PI/2 BPSK	1	137	17.52	17.28	17.39		
100	PI/2 BPSK	1	271	17.48	17.27	17.37		
100	PI/2 BPSK	135	0	17.52	17.32	17.45	18.7	0.0
100	PI/2 BPSK	135	69	17.45	17.28	17.38	18.7	0.0
100	PI/2 BPSK	135	138	17.37	17.35	17.43	18.7	0.0
100	PI/2 BPSK	270	0	17.45	17.36	17.45		
100	QPSK	1	1	17.58	17.41	17.50	18.7	0.0
100	QPSK	1	137	17.52	17.33	17.48		
100	QPSK	1	271	17.53	17.30	17.43		
100	QPSK	135	0	17.48	17.34	17.41	18.7	0.0
100	QPSK	135	69	17.52	17.38	17.42		
100	QPSK	135	138	17.23	17.08	17.20		
100	QPSK	270	0	17.46	17.18	17.17	18.7	0.0
100	16QAM	1	1	17.47	17.45	17.40	18.7	0.0
100	64QAM	1	1	17.48	17.38	17.38	18.7	0.0
100	256QAM	1	1	17.40	17.34	17.44	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.16	17.30	17.22	18.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.16	17.32	17.23	18.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.13	17.30	17.23	18.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.15	17.26	17.20	18.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.14	17.23	17.21	18.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.13	17.29	17.25	18.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.09	17.32	17.22	18.7	0.0

Par27Q n77(PC2)_FCC_ANT 5 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	17.20			18.2	0.0
100	PI/2 BPSK	1	137	17.22				
100	PI/2 BPSK	1	271	17.16				
100	PI/2 BPSK	135	0	17.23			18.2	0.0
100	PI/2 BPSK	135	69	17.13			18.2	0.0
100	PI/2 BPSK	135	138	17.09			18.2	0.0
100	PI/2 BPSK	270	0	17.10				
100	QPSK	1	1	17.34			18.2	0.0
100	QPSK	1	137	17.20				
100	QPSK	1	271	17.28				
100	QPSK	135	0	17.19			18.2	0.0
100	QPSK	135	69	17.29				
100	QPSK	135	138	17.05				
100	QPSK	270	0	17.18			18.2	0.0
100	16QAM	1	1	17.21			18.2	0.0
100	64QAM	1	1	17.25			18.2	0.0
100	256QAM	1	1	17.17			18.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.21	17.28	17.21	18.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	17.21	17.27	17.24	18.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	17.22	17.28	17.29	18.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	17.23	17.28	17.20	18.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.29	17.28	17.24	18.2	0.0

Part27O n77(PC2)_FCC_ANT 5 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.03	17.02	17.06	18.2	0.0
100	PI/2 BPSK	1	137	16.93	17.05	17.05		
100	PI/2 BPSK	1	271	16.98	16.99	17.02		
100	PI/2 BPSK	135	0	17.06	16.92	16.98	18.2	0.0
100	PI/2 BPSK	135	69	17.08	17.08	17.04	18.2	0.0
100	PI/2 BPSK	135	138	17.10	16.91	17.02	18.2	0.0
100	PI/2 BPSK	270	0	17.02	17.04	17.14		
100	QPSK	1	1	17.16	17.11	17.12	18.2	0.0
100	QPSK	1	137	17.06	17.06	16.99		
100	QPSK	1	271	17.15	16.97	17.11		
100	QPSK	135	0	17.04	17.04	17.02	18.2	0.0
100	QPSK	135	69	17.14	17.06	17.04		
100	QPSK	135	138	17.12	17.05	17.03		
100	QPSK	270	0	17.12	17.10	17.05	18.2	0.0
100	16QAM	1	1	17.10	17.00	17.08	18.2	0.0
100	64QAM	1	1	17.06	17.11	17.13	18.2	0.0
100	256QAM	1	1	17.14	17.12	16.99	18.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.03	17.03	16.98	18.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.97	17.04	17.03	18.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.99	17.02	17.04	18.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.96	17.08	17.04	18.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.04	17.07	17.07	18.2	0.0

Par27Q n77(PC2)_FCC_ANT 10 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.09			16.2	0.0
100	PI/2 BPSK	1	137	15.05				
100	PI/2 BPSK	1	271	15.10				
100	PI/2 BPSK	135	0	15.02			16.2	0.0
100	PI/2 BPSK	135	69	15.04			16.2	0.0
100	PI/2 BPSK	135	138	14.98			16.2	0.0
100	PI/2 BPSK	270	0	15.06				
100	QPSK	1	1	15.13			16.2	0.0
100	QPSK	1	137	15.00				
100	QPSK	1	271	15.02				
100	QPSK	135	0	15.06			16.2	0.0
100	QPSK	135	69	15.08				
100	QPSK	135	138	15.07				
100	QPSK	270	0	15.05			16.2	0.0
100	16QAM	1	1	15.12			16.2	0.0
100	64QAM	1	1	15.04			16.2	0.0
100	256QAM	1	1	15.12			16.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.96	14.96	15.04	16.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	15.00	14.98	14.96	16.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	14.97	14.96	15.01	16.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	15.06	15.00	14.96	16.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.97	15.02	15.00	16.2	0.0

Part27O n77(PC2)_FCC_ANT 10 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.18	15.21	15.07	16.2	0.0
100	PI/2 BPSK	1	137	15.25	15.13	15.07		
100	PI/2 BPSK	1	271	15.20	15.07	15.08		
100	PI/2 BPSK	135	0	15.17	15.22	15.17	16.2	0.0
100	PI/2 BPSK	135	69	15.14	15.19	15.17	16.2	0.0
100	PI/2 BPSK	135	138	15.22	15.21	15.16	16.2	0.0
100	PI/2 BPSK	270	0	15.17	15.18	15.18		
100	QPSK	1	1	15.19	15.26	15.15	16.2	0.0
100	QPSK	1	137	15.11	15.12	15.11		
100	QPSK	1	271	15.16	15.19	15.13		
100	QPSK	135	0	15.12	15.20	15.15	16.2	0.0
100	QPSK	135	69	15.17	15.23	15.16		
100	QPSK	135	138	15.16	15.13	15.15		
100	QPSK	270	0	15.13	15.19	15.16	16.2	0.0
100	16QAM	1	1	15.12	15.12	15.24	16.2	0.0
100	64QAM	1	1	15.17	15.14	15.25	16.2	0.0
100	256QAM	1	1	15.15	15.21	15.25	16.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.08	15.18	15.00	16.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.02	15.15	14.95	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.04	15.15	15.03	16.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.08	15.17	15.02	16.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.01	15.13	15.00	16.2	0.0

Par27Q n77(PC3)_FCC_ANT 6 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	18.00			18.7	0.0
100	PI/2 BPSK	1	137	17.61				
100	PI/2 BPSK	1	271	17.68				
100	PI/2 BPSK	135	0	17.77			18.7	0.0
100	PI/2 BPSK	135	69	17.59			18.7	0.0
100	PI/2 BPSK	135	138	17.68			18.7	0.0
100	PI/2 BPSK	270	0	17.59				
100	QPSK	1	1	18.02			18.7	0.0
100	QPSK	1	137	17.76				
100	QPSK	1	271	17.58				
100	QPSK	135	0	17.67			18.7	0.0
100	QPSK	135	69	17.77				
100	QPSK	135	138	17.55				
100	QPSK	270	0	17.43			18.7	0.0
100	16QAM	1	1	17.81			18.7	0.0
100	64QAM	1	1	17.74			18.7	0.0
100	256QAM	1	1	16.94			17.7	1.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.96	17.83	17.90	18.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	17.87	17.76	17.76	18.7	0.0
Channel				631334	633334	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	17.96	17.77	17.81	18.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	17.95	17.70	17.79	18.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.94	17.70	17.81	18.7	0.0

Par27Q n77(PC2)_FCC_ANT 6 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.50			21.2	0.0
100	PI/2 BPSK	1	137	20.12				
100	PI/2 BPSK	1	271	19.83				
100	PI/2 BPSK	135	0	20.26			20.7	0.5
100	PI/2 BPSK	135	69	20.03			21.2	0.0
100	PI/2 BPSK	135	138	19.41			20.7	0.5
100	PI/2 BPSK	270	0	19.94				
100	QPSK	1	1	20.54			21.2	0.0
100	QPSK	1	137	20.23				
100	QPSK	1	271	19.82				
100	QPSK	135	0	20.21			21.2	0.0
100	QPSK	135	69	20.27				
100	QPSK	135	138	19.86				
100	QPSK	270	0	19.98			20.7	0.5
100	16QAM	1	1	20.30			20.7	0.5
100	64QAM	1	1	18.92			19.7	1.5
100	256QAM	1	1	16.91			17.7	3.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.43	20.33	20.38	21.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	20.47	20.25	20.28	21.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	20.48	20.26	20.31	21.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	20.39	20.26	20.28	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.46	20.25	20.30	21.2	0.0

Par27Q n77(PC3)_FCC_ANT 6 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.63	17.45	17.60	18.7	0.0
100	PI/2 BPSK	1	137	17.62	17.68	17.63		
100	PI/2 BPSK	1	271	17.66	17.49	17.50		
100	PI/2 BPSK	135	0	17.48	17.50	17.16	18.7	0.0
100	PI/2 BPSK	135	69	17.68	17.48	17.61	18.7	0.0
100	PI/2 BPSK	135	138	17.61	17.51	17.48	18.7	0.0
100	PI/2 BPSK	270	0	17.45	17.22	17.47		
100	QPSK	1	1	17.69	17.78	17.81	18.7	0.0
100	QPSK	1	137	17.44	17.47	17.65		
100	QPSK	1	271	17.48	17.46	17.51		
100	QPSK	135	0	17.38	17.39	17.49	18.7	0.0
100	QPSK	135	69	17.52	17.45	17.55		
100	QPSK	135	138	17.51	17.43	17.45		
100	QPSK	270	0	17.17	17.23	17.30	18.7	0.0
100	16QAM	1	1	17.28	17.28	17.41	18.7	0.0
100	64QAM	1	1	17.23	17.20	17.37	18.7	0.0
100	256QAM	1	1	15.59	15.25	15.44	17.7	1.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.62	17.68	17.66	18.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.56	17.71	17.76	18.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.55	17.66	17.70	18.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	17.59	17.67	17.75	18.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.62	17.66	17.70	18.7	0.0

Par27Q n77(PC2)_FCC_ANT 6 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.97	19.76	19.94	21.2	0.0
100	PI/2 BPSK	1	137	19.94	20.14	20.13		
100	PI/2 BPSK	1	271	19.92	19.82	19.86		
100	PI/2 BPSK	135	0	19.82	19.77	19.45	20.7	0.5
100	PI/2 BPSK	135	69	19.94	19.83	19.92	21.2	0.0
100	PI/2 BPSK	135	138	19.46	19.35	19.38	20.7	0.5
100	PI/2 BPSK	270	0	19.31	18.97	19.42		
100	QPSK	1	1	20.22	20.24	20.27	21.2	0.0
100	QPSK	1	137	19.99	19.97	20.15		
100	QPSK	1	271	19.96	19.95	20.02		
100	QPSK	135	0	19.63	19.59	19.44	21.2	0.0
100	QPSK	135	69	19.89	19.73	19.99		
100	QPSK	135	138	19.47	19.29	19.35		
100	QPSK	270	0	19.38	18.98	19.48	20.7	0.5
100	16QAM	1	1	18.86	19.02	19.19	20.7	0.5
100	64QAM	1	1	17.67	17.35	17.67	19.7	1.5
100	256QAM	1	1	15.55	15.22	15.42	17.7	3.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.09	20.09	20.20	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.08	20.19	20.16	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.07	20.15	20.15	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	20.11	20.15	20.15	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.13	20.16	20.14	21.2	0.0

Par27Q n77(PC3)_FCC_ANT 13 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	19.91			21.2	0.0
100	PI/2 BPSK	1	137	19.88				
100	PI/2 BPSK	1	271	19.86				
100	PI/2 BPSK	135	0	19.96			21.2	0.0
100	PI/2 BPSK	135	69	19.89			21.2	0.0
100	PI/2 BPSK	135	138	19.78			21.2	0.0
100	PI/2 BPSK	270	0	19.85				
100	QPSK	1	1	20.01			21.2	0.0
100	QPSK	1	137	19.91				
100	QPSK	1	271	19.89				
100	QPSK	135	0	19.88			21.2	0.0
100	QPSK	135	69	19.91				
100	QPSK	135	138	19.79				
100	QPSK	270	0	19.88			21.2	0.0
100	16QAM	1	1	19.91			21.2	0.0
100	64QAM	1	1	19.96			21.2	0.0
100	256QAM	1	1	19.27			20.2	1.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.96	19.88	19.91	21.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	19.84	19.82	19.78	21.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	19.88	19.74	19.84	21.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	19.90	19.81	19.80	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.81	19.83	19.76	21.2	0.0

Par27Q n77(PC2)_FCC_ANT 13 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pi/2 BPSK	1	1	22.41			23.7	0.0
100	Pi/2 BPSK	1	137	22.38				
100	Pi/2 BPSK	1	271	22.36				
100	Pi/2 BPSK	135	0	22.46			23.2	0.5
100	Pi/2 BPSK	135	69	22.39			23.7	0.0
100	Pi/2 BPSK	135	138	22.28			23.2	0.5
100	Pi/2 BPSK	270	0	22.35				
100	QPSK	1	1	22.51			23.7	0.0
100	QPSK	1	137	22.41				
100	QPSK	1	271	22.39				
100	QPSK	135	0	22.38			23.7	0.0
100	QPSK	135	69	22.41				
100	QPSK	135	138	22.29				
100	QPSK	270	0	22.38			22.7	1.0
100	16QAM	1	1	22.41			22.7	1.0
100	64QAM	1	1	21.51			22.2	1.5
100	256QAM	1	1	19.32			20.2	3.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.39	22.38	22.42	23.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	22.32	22.30	22.33	23.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	22.25	22.25	22.32	23.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	22.32	22.28	22.27	23.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.34	22.23	22.33	23.7	0.0

Part27O n77(PC3)_FCC_ANT 13 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	19.70	19.84	19.87	21.2	0.0
100	Pi/2 BPSK	1	137	19.87	19.96	19.62		
100	Pi/2 BPSK	1	271	19.83	19.78	19.73		
100	Pi/2 BPSK	135	0	19.88	19.91	19.93	21.2	0.0
100	Pi/2 BPSK	135	69	19.57	19.87	19.78	21.2	0.0
100	Pi/2 BPSK	135	138	19.23	19.81	19.76	21.2	0.0
100	Pi/2 BPSK	270	0	19.57	19.87	19.33		
100	QPSK	1	1	19.71	19.97	19.92	21.2	0.0
100	QPSK	1	137	19.61	19.95	19.71		
100	QPSK	1	271	19.56	19.80	19.53		
100	QPSK	135	0	19.54	19.93	19.72	21.2	0.0
100	QPSK	135	69	19.65	19.96	19.78		
100	QPSK	135	138	19.25	19.80	19.41		
100	QPSK	270	0	19.59	19.87	19.68	21.2	0.0
100	16QAM	1	1	19.78	19.93	19.67	21.2	0.0
100	64QAM	1	1	19.76	19.90	19.66	21.2	0.0
100	256QAM	1	1	18.53	18.76	18.33	20.2	1.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.56	19.88	19.80	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.65	19.85	19.79	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.61	19.82	19.80	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.58	19.92	19.82	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.58	19.90	19.79	21.2	0.0

Part27O n77(PC2)_FCC_ANT 13 DFT-30(DSI6&11)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	22.20	22.34	22.37	23.7	0.0
100	Pi/2 BPSK	1	137	22.07	22.46	22.12		
100	Pi/2 BPSK	1	271	22.03	22.28	21.43		
100	Pi/2 BPSK	135	0	21.78	22.41	21.43	23.2	0.5
100	Pi/2 BPSK	135	69	22.07	22.37	21.68	23.7	0.0
100	Pi/2 BPSK	135	138	21.73	22.31	21.06	23.2	0.5
100	Pi/2 BPSK	270	0	22.07	22.37	21.83		
100	QPSK	1	1	22.21	22.47	22.42	23.7	0.0
100	QPSK	1	137	22.11	22.45	22.21		
100	QPSK	1	271	22.06	22.30	21.53		
100	QPSK	135	0	22.04	22.43	21.62	23.7	0.0
100	QPSK	135	69	22.05	22.46	21.68		
100	QPSK	135	138	21.75	22.30	20.91		
100	QPSK	270	0	22.09	22.37	21.40	22.7	1.0
100	16QAM	1	1	22.28	22.43	22.17	22.7	1.0
100	64QAM	1	1	20.74	20.91	20.53	22.2	1.5
100	256QAM	1	1	18.56	18.80	18.35	20.2	3.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.11	22.36	22.27	23.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.09	22.35	22.29	23.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.14	22.37	22.37	23.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	22.12	22.32	22.34	23.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.08	22.40	22.33	23.7	0.0

n2_ANT 3 DFT-15(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.83	20.77	20.74	22.2	0.0
20	PI/2 BPSK	1	53	20.82	20.80	20.72		
20	PI/2 BPSK	1	104	20.83	20.75	20.67		
20	PI/2 BPSK	50	0	20.71	20.73	20.64	22.2	0.0
20	PI/2 BPSK	50	28	20.69	20.76	20.64	22.2	0.0
20	PI/2 BPSK	50	56	20.64	20.75	20.63	22.2	0.0
20	PI/2 BPSK	100	0	20.68	20.78	20.64		
20	QPSK	1	1	20.86	20.89	20.79	22.2	0.0
20	QPSK	1	53	20.84	20.83	20.70		
20	QPSK	1	104	20.82	20.83	20.70		
20	QPSK	50	0	20.70	20.69	20.69	22.2	0.0
20	QPSK	50	28	20.72	20.80	20.71	22.2	0.0
20	QPSK	50	56	20.67	20.78	20.63	22.2	0.0
20	QPSK	100	0	20.72	20.73	20.66		
20	16QAM	1	1	20.69	20.75	20.73	22.2	0.0
20	64QAM	1	1	20.66	20.74	20.72	22.2	0.0
20	256QAM	1	1	19.37	19.28	19.21	20.7	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.77	20.82	20.83	22.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.84	20.85	20.85	22.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.77	20.78	20.85	22.2	0.0

n5_ANT 1 DFT-15(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.73	22.77	22.72	24.7	0.0
20	PI/2 BPSK	1	53	22.62	22.68	22.55		
20	PI/2 BPSK	1	104	22.58	22.64	22.62		
20	PI/2 BPSK	50	0	22.63	22.67	22.63	24.2	0.5
20	PI/2 BPSK	50	28	22.65	22.73	22.61	24.7	0.0
20	PI/2 BPSK	50	56	22.64	22.61	22.64	24.2	0.5
20	PI/2 BPSK	100	0	22.69	22.72	22.62		
20	QPSK	1	1	23.74	23.78	23.72	24.7	0.0
20	QPSK	1	53	23.73	23.72	23.71		
20	QPSK	1	104	23.69	23.71	23.68		
20	QPSK	50	0	22.92	22.65	23.18	23.7	1.0
20	QPSK	50	28	23.65	23.69	23.60	24.7	0.0
20	QPSK	50	56	23.04	22.66	23.12	23.7	1.0
20	QPSK	100	0	23.10	23.17	23.14		
20	16QAM	1	1	23.38	22.91	23.07	23.7	1.0
20	64QAM	1	1	21.79	21.38	21.61	22.2	2.5
20	256QAM	1	1	19.62	19.31	19.71	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.74	23.73	23.75	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.70	23.69	23.70	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.70	23.77	23.74	24.7	0.0

n7_ANT 3 DFT-15(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.98	18.93	18.92	20.2	0.0
20	PI/2 BPSK	1	53	18.97	18.99	18.91		
20	PI/2 BPSK	1	104	18.93	18.98	18.95		
20	PI/2 BPSK	50	0	18.94	18.91	18.86	20.2	0.0
20	PI/2 BPSK	50	28	18.40	18.98	18.87	20.2	0.0
20	PI/2 BPSK	50	56	18.87	18.95	18.92	20.2	0.0
20	PI/2 BPSK	100	0	18.88	18.90	18.87		
20	QPSK	1	1	19.01	19.03	18.97	20.2	0.0
20	QPSK	1	53	19.00	19.01	18.91		
20	QPSK	1	104	18.98	18.99	18.96		
20	QPSK	50	0	18.79	18.87	18.85	20.2	0.0
20	QPSK	50	28	18.95	18.96	18.89	20.2	0.0
20	QPSK	50	56	18.92	18.95	18.88	20.2	0.0
20	QPSK	100	0	18.97	18.98	18.85		
20	16QAM	1	1	18.96	18.99	18.91	20.2	0.0
20	64QAM	1	1	18.92	18.93	18.89	20.2	0.0
20	256QAM	1	1	18.83	18.85	18.78	20.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.96	18.97	18.99	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.95	18.98	18.96	20.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.98	18.95	18.95	20.2	0.0

n25_ANT 3 DFT-15(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.11	21.11	21.02	22.2	0.0
40	PI/2 BPSK	1	108	21.09	21.03	21.05		
40	PI/2 BPSK	1	214	21.03	21.06	21.10		
40	PI/2 BPSK	108	0	21.03	21.03	21.04	22.2	0.0
40	PI/2 BPSK	108	54	21.02	21.05	21.03	22.2	0.0
40	PI/2 BPSK	108	108	21.11	21.03	21.08	22.2	0.0
40	PI/2 BPSK	216	0	21.03	21.03	21.11		
40	QPSK	1	1	21.10	21.12	21.08	22.2	0.0
40	QPSK	1	108	21.09	21.07	21.07		
40	QPSK	1	214	21.05	21.07	21.03		
40	QPSK	108	0	21.06	21.06	21.02	22.2	0.0
40	QPSK	108	54	21.08	21.11	21.07	22.2	0.0
40	QPSK	108	108	21.06	21.04	21.03	22.2	0.0
40	QPSK	216	0	21.05	21.09	21.07		
40	16QAM	1	1	20.86	20.90	20.82	22.2	0.0
40	64QAM	1	1	21.11	21.08	21.08	22.2	0.0
40	256QAM	1	1	19.71	19.79	19.70	20.7	1.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.07	21.04	21.09	22.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.10	21.02	21.02	22.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.02	21.02	21.09	22.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.05	21.05	21.11	22.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.07	21.03	21.09	22.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.06	21.07	21.11	22.2	0.0

n30_ANT 3 DFT-15(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		20.14		21.2	0.0
10	PI/2 BPSK	1	26		20.07			
10	PI/2 BPSK	1	50		20.13			
10	PI/2 BPSK	25	0		20.15		21.2	0.0
10	PI/2 BPSK	25	14		20.13		21.2	0.0
10	PI/2 BPSK	25	27		20.08		21.2	0.0
10	PI/2 BPSK	50	0		20.16			
10	QPSK	1	1		20.17		21.2	0.0
10	QPSK	1	26		20.11			
10	QPSK	1	50		20.08			
10	QPSK	25	0		20.08		21.2	0.0
10	QPSK	25	14		20.16		21.2	0.0
10	QPSK	25	27		20.12		21.2	0.0
10	QPSK	50	0		20.15			
10	16QAM	1	1		20.12		21.2	0.0
10	64QAM	1	1		20.15		21.2	0.0
10	256QAM	1	1		19.48		20.7	0.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	20.15	20.11	20.14	21.2	0.0

n66_ANT 3 DFT-15(DSI5&10&15)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.79	20.78	20.75	21.7	0.0
40	PI/2 BPSK	1	108	20.82	20.84	20.77		
40	PI/2 BPSK	1	214	20.79	20.84	20.80		
40	PI/2 BPSK	108	0	20.84	20.78	20.82	21.7	0.0
40	PI/2 BPSK	108	54	20.82	20.80	20.84	21.7	0.0
40	PI/2 BPSK	108	108	20.80	20.81	20.82	21.7	0.0
40	PI/2 BPSK	216	0	20.79	20.75	20.84		
40	QPSK	1	1	20.79	20.85	20.84	21.7	0.0
40	QPSK	1	108	20.76	20.84	20.82		
40	QPSK	1	214	20.83	20.81	20.80		
40	QPSK	108	0	20.70	20.75	20.76	21.7	0.0
40	QPSK	108	54	20.79	20.84	20.78	21.7	0.0
40	QPSK	108	108	20.79	20.81	20.73	21.7	0.0
40	QPSK	216	0	20.78	20.83	20.81		
40	16QAM	1	1	20.83	20.84	20.78	21.7	0.0
40	64QAM	1	1	20.81	20.76	20.83	21.7	0.0
40	256QAM	1	1	19.54	19.63	19.59	20.7	1.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.75	20.80	20.76	21.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.84	20.76	20.75	21.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.80	20.76	20.83	21.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.75	20.75	20.75	21.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.83	20.84	20.79	21.7	0.0

n66_ANT 1 DFT-15(DSI5&10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.04	21.17	21.10	22.2	0.0
40	PI/2 BPSK	1	108	21.18	21.22	21.17		
40	PI/2 BPSK	1	214	21.10	21.22	21.15		
40	PI/2 BPSK	108	0	21.05	21.18	21.05	22.2	0.0
40	PI/2 BPSK	108	54	21.08	21.20	21.19	22.2	0.0
40	PI/2 BPSK	108	108	21.13	21.20	21.21	22.2	0.0
40	PI/2 BPSK	216	0	21.10	21.21	21.19		
40	QPSK	1	1	21.12	21.21	21.23	22.2	0.0
40	QPSK	1	108	20.98	21.20	21.18		
40	QPSK	1	214	21.04	21.15	21.11		
40	QPSK	108	0	20.57	20.61	20.54	22.2	0.0
40	QPSK	108	54	21.11	21.08	21.15	22.2	0.0
40	QPSK	108	108	20.93	20.98	20.87	22.2	0.0
40	QPSK	216	0	20.84	20.93	20.96		
40	16QAM	1	1	20.85	20.81	20.81	22.2	0.0
40	64QAM	1	1	20.78	20.69	20.74	22.2	0.0
40	256QAM	1	1	19.07	19.02	19.05	19.7	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.87	21.14	21.06	22.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.95	21.10	21.10	22.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.95	21.16	21.14	22.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.94	21.11	21.10	22.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.92	21.12	21.06	22.2	0.0

n71_ANT 1 DFT-15(DSI5&10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.78	22.81	22.82	25.2	0.0
20	PI/2 BPSK	1	53	22.81	22.83	22.75		
20	PI/2 BPSK	1	104	22.72	22.76	22.74		
20	PI/2 BPSK	50	0	22.43	22.79	22.76	24.7	0.5
20	PI/2 BPSK	50	28	22.80	22.84	22.72	25.2	0.0
20	PI/2 BPSK	50	56	22.78	22.76	22.68	24.7	0.5
20	PI/2 BPSK	100	0	22.78	22.83	22.73		
20	QPSK	1	1	24.21	24.38	24.33	25.2	0.0
20	QPSK	1	53	24.20	24.37	24.31		
20	QPSK	1	104	24.18	24.28	24.22		
20	QPSK	50	0	23.28	23.32	23.27	24.2	1.0
20	QPSK	50	28	24.28	24.31	24.23	25.2	0.0
20	QPSK	50	56	23.32	23.24	23.23	24.2	1.0
20	QPSK	100	0	23.30	23.31	23.24		
20	16QAM	1	1	22.93	23.05	23.61	24.2	1.0
20	64QAM	1	1	21.37	21.57	22.01	22.7	2.5
20	256QAM	1	1	19.02	19.84	19.81	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.36	24.29	24.37	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.32	24.32	24.31	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.29	24.33	24.32	25.2	0.0

n2_ANT 3 DFT-15(DSI9&14)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.84	19.73	19.74	21.2	0.0
20	PI/2 BPSK	1	53	19.79	19.84	19.73		
20	PI/2 BPSK	1	104	19.88	19.74	19.72		
20	PI/2 BPSK	50	0	19.74	19.78	19.67	21.2	0.0
20	PI/2 BPSK	50	28	19.68	19.77	19.59	21.2	0.0
20	PI/2 BPSK	50	56	19.67	19.76	19.61	21.2	0.0
20	PI/2 BPSK	100	0	19.70	19.73	19.65		
20	QPSK	1	1	19.85	19.92	19.79	21.2	0.0
20	QPSK	1	53	19.83	19.79	19.68		
20	QPSK	1	104	19.82	19.86	19.70		
20	QPSK	50	0	19.74	19.74	19.67	21.2	0.0
20	QPSK	50	28	19.79	19.85	19.71	21.2	0.0
20	QPSK	50	56	19.67	19.82	19.62	21.2	0.0
20	QPSK	100	0	19.71	19.75	19.67		
20	16QAM	1	1	19.71	19.71	19.78	21.2	0.0
20	64QAM	1	1	19.63	19.72	19.77	21.2	0.0
20	256QAM	1	1	19.78	19.70	19.84	20.7	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.73	19.80	19.64	21.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.74	19.79	19.68	21.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.68	19.87	19.71	21.2	0.0

n5_ANT 1 DFT-15(DSI9&14)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.73	22.77	22.72	24.7	0.0
20	PI/2 BPSK	1	53	22.62	22.68	22.55		
20	PI/2 BPSK	1	104	22.58	22.64	22.62		
20	PI/2 BPSK	50	0	22.63	22.67	22.63	24.2	0.5
20	PI/2 BPSK	50	28	22.65	22.73	22.61	24.7	0.0
20	PI/2 BPSK	50	56	22.64	22.61	22.64	24.2	0.5
20	PI/2 BPSK	100	0	22.69	22.72	22.62		
20	QPSK	1	1	23.74	23.78	23.72	24.7	0.0
20	QPSK	1	53	23.73	23.72	23.71		
20	QPSK	1	104	23.69	23.71	23.68		
20	QPSK	50	0	22.92	22.65	23.18	23.7	1.0
20	QPSK	50	28	23.65	23.69	23.60	24.7	0.0
20	QPSK	50	56	23.04	22.66	23.12	23.7	1.0
20	QPSK	100	0	23.10	23.17	23.14		
20	16QAM	1	1	23.38	22.91	23.07	23.7	1.0
20	64QAM	1	1	21.79	21.38	21.61	22.2	2.5
20	256QAM	1	1	19.62	19.31	19.71	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.74	23.73	23.75	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.70	23.69	23.70	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.70	23.77	23.74	24.7	0.0

n7_ANT 3 DFT-15(DSI9&14)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.53	17.48	17.37	18.7	0.0
20	PI/2 BPSK	1	53	17.45	17.50	17.42		
20	PI/2 BPSK	1	104	17.47	17.46	17.47		
20	PI/2 BPSK	50	0	17.41	17.46	17.38	18.7	0.0
20	PI/2 BPSK	50	28	16.91	17.50	17.37	18.7	0.0
20	PI/2 BPSK	50	56	17.32	17.40	17.37	18.7	0.0
20	PI/2 BPSK	100	0	17.41	17.36	17.42		
20	QPSK	1	1	17.53	17.55	17.49	18.7	0.0
20	QPSK	1	53	17.51	17.47	17.38		
20	QPSK	1	104	17.50	17.53	17.46		
20	QPSK	50	0	17.32	17.38	17.30	18.7	0.0
20	QPSK	50	28	17.47	17.49	17.42	18.7	0.0
20	QPSK	50	56	17.44	17.45	17.35	18.7	0.0
20	QPSK	100	0	17.43	17.45	17.38		
20	16QAM	1	1	17.42	17.45	17.41	18.7	0.0
20	64QAM	1	1	17.40	17.40	17.42	18.7	0.0
20	256QAM	1	1	17.35	17.34	17.33	18.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.25	17.31	17.37	18.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.31	17.27	17.35	18.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.31	17.34	17.34	18.7	0.0

n25_ANT 3 DFT-15(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	20.10	20.12	20.03	21.2	0.0
40	PI/2 BPSK	1	108	20.05	20.06	20.10		
40	PI/2 BPSK	1	214	20.04	20.02	20.13		
40	PI/2 BPSK	108	0	20.06	20.06	20.05	21.2	0.0
40	PI/2 BPSK	108	54	20.04	20.08	20.03	21.2	0.0
40	PI/2 BPSK	108	108	20.13	20.06	20.13	21.2	0.0
40	PI/2 BPSK	216	0	20.06	20.03	20.11		
40	QPSK	1	1	20.09	20.14	20.09	21.2	0.0
40	QPSK	1	108	20.03	20.11	20.08		
40	QPSK	1	214	20.02	20.05	20.06		
40	QPSK	108	0	20.01	20.10	20.08	21.2	0.0
40	QPSK	108	54	20.05	20.11	20.09	21.2	0.0
40	QPSK	108	108	20.03	20.09	19.99	21.2	0.0
40	QPSK	216	0	20.08	20.09	20.07		
40	16QAM	1	1	19.91	19.95	19.84	21.2	0.0
40	64QAM	1	1	20.09	20.05	20.11	21.2	0.0
40	256QAM	1	1	19.96	20.02	19.99	21.2	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.98	20.04	19.95	21.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.02	20.04	19.97	21.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.99	20.02	19.98	21.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.97	20.06	19.90	21.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.94	20.02	19.93	21.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.00	20.06	19.94	21.2	0.0

n30_ANT 3 DFT-15(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		18.63		19.7	0.0
10	PI/2 BPSK	1	26		18.54			
10	PI/2 BPSK	1	50		18.66			
10	PI/2 BPSK	25	0		18.66		19.7	0.0
10	PI/2 BPSK	25	14		18.60		19.7	0.0
10	PI/2 BPSK	25	27		18.59		19.7	0.0
10	PI/2 BPSK	50	0		18.68			
10	QPSK	1	1		18.68		19.7	0.0
10	QPSK	1	26		18.65			
10	QPSK	1	50		18.59			
10	QPSK	25	0		18.61		19.7	0.0
10	QPSK	25	14		18.61		19.7	0.0
10	QPSK	25	27		18.60		19.7	0.0
10	QPSK	50	0		18.60			
10	16QAM	1	1		18.60		19.7	0.0
10	64QAM	1	1		18.64		19.7	0.0
10	256QAM	1	1		18.58		19.7	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	18.55	18.56	18.54	19.7	0.0

n66_ANT 3 DFT-15(DSI9&14)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.24	21.33	21.28	22.2	0.0
40	PI/2 BPSK	1	108	21.36	21.33	21.26		
40	PI/2 BPSK	1	214	21.28	21.31	21.35		
40	PI/2 BPSK	108	0	21.36	21.23	21.29	22.2	0.0
40	PI/2 BPSK	108	54	21.31	21.34	21.35	22.2	0.0
40	PI/2 BPSK	108	108	21.28	21.31	21.35	22.2	0.0
40	PI/2 BPSK	216	0	21.34	21.26	21.29		
40	QPSK	1	1	21.29	21.38	21.32	22.2	0.0
40	QPSK	1	108	21.24	21.36	21.27		
40	QPSK	1	214	21.28	21.28	21.26		
40	QPSK	108	0	21.22	21.24	21.20	22.2	0.0
40	QPSK	108	54	21.25	21.29	21.25	22.2	0.0
40	QPSK	108	108	21.22	21.26	21.21	22.2	0.0
40	QPSK	216	0	21.26	21.28	21.23		
40	16QAM	1	1	21.28	21.19	21.30	22.2	0.0
40	64QAM	1	1	21.30	21.22	21.34	22.2	0.0
40	256QAM	1	1	19.61	19.69	19.72	20.7	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.19	21.21	21.26	22.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.19	21.17	21.21	22.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.23	21.24	21.22	22.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.23	21.22	21.27	22.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.24	21.20	21.24	22.2	0.0

n66_ANT 1 DFT-15(DSI9&14)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.07	23.10	23.18	24.2	0.0
40	PI/2 BPSK	1	108	23.13	23.17	23.20		
40	PI/2 BPSK	1	214	23.11	23.12	23.18		
40	PI/2 BPSK	108	0	23.06	23.08	23.19	23.7	0.5
40	PI/2 BPSK	108	54	23.11	23.14	23.22	24.2	0.0
40	PI/2 BPSK	108	108	23.13	23.17	23.21	23.7	0.5
40	PI/2 BPSK	216	0	23.11	23.16	23.22		
40	QPSK	1	1	23.04	23.18	23.23	24.2	0.0
40	QPSK	1	108	23.02	23.17	23.16		
40	QPSK	1	214	23.02	23.15	23.18		
40	QPSK	108	0	22.58	22.53	22.63	23.2	1.0
40	QPSK	108	54	23.10	23.12	23.13	24.2	0.0
40	QPSK	108	108	22.72	22.67	22.70	23.2	1.0
40	QPSK	216	0	22.56	22.68	22.71		
40	16QAM	1	1	22.82	22.82	22.84	23.2	1.0
40	64QAM	1	1	21.25	21.29	21.28	21.7	2.5
40	256QAM	1	1	19.14	19.11	19.10	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.06	23.06	23.16	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.14	23.06	23.06	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.16	23.08	23.10	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.00	23.00	22.93	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.95	23.00	22.99	24.2	0.0

n71_ANT 1 DFT-15(DSI9&14)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.78	22.81	22.82	25.2	0.0
20	PI/2 BPSK	1	53	22.81	22.83	22.75		
20	PI/2 BPSK	1	104	22.72	22.76	22.74		
20	PI/2 BPSK	50	0	22.43	22.79	22.76	24.7	0.5
20	PI/2 BPSK	50	28	22.80	22.84	22.72	25.2	0.0
20	PI/2 BPSK	50	56	22.78	22.76	22.68	24.7	0.5
20	PI/2 BPSK	100	0	22.78	22.83	22.73		
20	QPSK	1	1	24.21	24.38	24.33	25.2	0.0
20	QPSK	1	53	24.20	24.37	24.31		
20	QPSK	1	104	24.18	24.28	24.22		
20	QPSK	50	0	23.28	23.32	23.27	24.2	1.0
20	QPSK	50	28	24.28	24.31	24.23	25.2	0.0
20	QPSK	50	56	23.32	23.24	23.23	24.2	1.0
20	QPSK	100	0	23.30	23.31	23.24		
20	16QAM	1	1	22.93	23.05	23.61	24.2	1.0
20	64QAM	1	1	21.37	21.57	22.01	22.7	2.5
20	256QAM	1	1	19.02	19.84	19.81	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.36	24.29	24.37	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.32	24.32	24.31	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.29	24.33	24.32	25.2	0.0

n2_ANT 3 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.83	20.77	20.74	22.2	0.0
20	PI/2 BPSK	1	53	20.82	20.80	20.72		
20	PI/2 BPSK	1	104	20.83	20.75	20.67		
20	PI/2 BPSK	50	0	20.71	20.73	20.64	22.2	0.0
20	PI/2 BPSK	50	28	20.69	20.76	20.64	22.2	0.0
20	PI/2 BPSK	50	56	20.64	20.75	20.63	22.2	0.0
20	PI/2 BPSK	100	0	20.68	20.78	20.64		
20	QPSK	1	1	20.86	20.89	20.79	22.2	0.0
20	QPSK	1	53	20.84	20.83	20.70		
20	QPSK	1	104	20.82	20.83	20.70		
20	QPSK	50	0	20.70	20.69	20.69	22.2	0.0
20	QPSK	50	28	20.72	20.80	20.71	22.2	0.0
20	QPSK	50	56	20.67	20.78	20.63	22.2	0.0
20	QPSK	100	0	20.72	20.73	20.66		
20	16QAM	1	1	20.69	20.75	20.73	22.2	0.0
20	64QAM	1	1	20.66	20.74	20.72	22.2	0.0
20	256QAM	1	1	19.37	19.28	19.21	20.7	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.77	20.82	20.83	22.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.84	20.85	20.85	22.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.77	20.78	20.85	22.2	0.0

n5_ANT 1 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.73	22.77	22.72	24.7	0.0
20	PI/2 BPSK	1	53	22.62	22.68	22.55		
20	PI/2 BPSK	1	104	22.58	22.64	22.62		
20	PI/2 BPSK	50	0	22.63	22.67	22.63	24.2	0.5
20	PI/2 BPSK	50	28	22.65	22.73	22.61	24.7	0.0
20	PI/2 BPSK	50	56	22.64	22.61	22.64	24.2	0.5
20	PI/2 BPSK	100	0	22.69	22.72	22.62		
20	QPSK	1	1	23.74	23.78	23.72	24.7	0.0
20	QPSK	1	53	23.73	23.72	23.71		
20	QPSK	1	104	23.69	23.71	23.68		
20	QPSK	50	0	22.92	22.65	23.18	23.7	1.0
20	QPSK	50	28	23.65	23.69	23.60	24.7	0.0
20	QPSK	50	56	23.04	22.66	23.12	23.7	1.0
20	QPSK	100	0	23.10	23.17	23.14		
20	16QAM	1	1	23.38	22.91	23.07	23.7	1.0
20	64QAM	1	1	21.79	21.38	21.61	22.2	2.5
20	256QAM	1	1	19.62	19.31	19.71	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.74	23.73	23.75	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.70	23.69	23.70	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.70	23.77	23.74	24.7	0.0

n7_ANT 3 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.98	19.93	19.92	21.2	0.0
20	PI/2 BPSK	1	53	19.97	19.99	19.91		
20	PI/2 BPSK	1	104	19.93	19.98	19.95		
20	PI/2 BPSK	50	0	19.94	19.91	19.86	21.2	0.0
20	PI/2 BPSK	50	28	19.40	19.98	19.87	21.2	0.0
20	PI/2 BPSK	50	56	19.87	19.95	19.92	21.2	0.0
20	PI/2 BPSK	100	0	19.88	19.90	19.87		
20	QPSK	1	1	20.01	20.03	19.97	21.2	0.0
20	QPSK	1	53	20.00	20.01	19.91		
20	QPSK	1	104	19.98	19.99	19.96		
20	QPSK	50	0	19.79	19.87	19.85	21.2	0.0
20	QPSK	50	28	19.95	19.96	19.88	21.2	0.0
20	QPSK	50	56	19.92	19.95	19.88	21.2	0.0
20	QPSK	100	0	19.97	19.98	19.85		
20	16QAM	1	1	19.96	19.99	19.91	21.2	0.0
20	64QAM	1	1	19.92	19.93	19.89	21.2	0.0
20	256QAM	1	1	19.43	19.45	19.38	20.7	0.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.96	19.97	19.99	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.95	19.98	19.96	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.98	19.95	19.95	21.2	0.0

n25_ANT 3 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.11	21.11	21.02	22.2	0.0
40	PI/2 BPSK	1	108	21.09	21.03	21.05		
40	PI/2 BPSK	1	214	21.03	21.06	21.10		
40	PI/2 BPSK	108	0	21.03	21.03	21.04	22.2	0.0
40	PI/2 BPSK	108	54	21.02	21.05	21.03	22.2	0.0
40	PI/2 BPSK	108	108	21.11	21.03	21.08	22.2	0.0
40	PI/2 BPSK	216	0	21.03	21.03	21.11		
40	QPSK	1	1	21.10	21.12	21.08	22.2	0.0
40	QPSK	1	108	21.09	21.07	21.07		
40	QPSK	1	214	21.05	21.07	21.03		
40	QPSK	108	0	21.06	21.06	21.02	22.2	0.0
40	QPSK	108	54	21.08	21.11	21.07	22.2	0.0
40	QPSK	108	108	21.06	21.04	21.03	22.2	0.0
40	QPSK	216	0	21.05	21.09	21.07		
40	16QAM	1	1	20.86	20.90	20.82	22.2	0.0
40	64QAM	1	1	21.11	21.08	21.08	22.2	0.0
40	256QAM	1	1	19.71	19.79	19.70	20.7	1.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.07	21.04	21.09	22.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.10	21.02	21.02	22.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.02	21.02	21.09	22.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.05	21.05	21.11	22.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.07	21.03	21.09	22.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.06	21.07	21.11	22.2	0.0

n30_ANT 3 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		21.14		22.2	0.0
10	PI/2 BPSK	1	26		21.07			
10	PI/2 BPSK	1	50		21.13			
10	PI/2 BPSK	25	0		21.15		22.2	0.0
10	PI/2 BPSK	25	14		21.13		22.2	0.0
10	PI/2 BPSK	25	27		21.08		22.2	0.0
10	PI/2 BPSK	50	0		21.16			
10	QPSK	1	1		21.17		22.2	0.0
10	QPSK	1	26		21.11			
10	QPSK	1	50		21.08			
10	QPSK	25	0		21.08		22.2	0.0
10	QPSK	25	14		21.16		22.2	0.0
10	QPSK	25	27		21.12		22.2	0.0
10	QPSK	50	0		21.15			
10	16QAM	1	1		21.12		22.2	0.0
10	64QAM	1	1		21.15		22.2	0.0
10	256QAM	1	1		19.58		20.7	1.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	21.15	21.11	21.14	22.2	0.0

n66_ANT 3 DFT-15(DSI17)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.79	20.78	20.75	21.7	0.0
40	PI/2 BPSK	1	108	20.82	20.84	20.77		
40	PI/2 BPSK	1	214	20.79	20.84	20.80		
40	PI/2 BPSK	108	0	20.84	20.78	20.82	21.7	0.0
40	PI/2 BPSK	108	54	20.82	20.80	20.84	21.7	0.0
40	PI/2 BPSK	108	108	20.80	20.81	20.82	21.7	0.0
40	PI/2 BPSK	216	0	20.79	20.75	20.84		
40	QPSK	1	1	20.79	20.85	20.84	21.7	0.0
40	QPSK	1	108	20.76	20.84	20.82		
40	QPSK	1	214	20.83	20.81	20.80		
40	QPSK	108	0	20.70	20.75	20.76	21.7	0.0
40	QPSK	108	54	20.79	20.84	20.78	21.7	0.0
40	QPSK	108	108	20.79	20.81	20.73	21.7	0.0
40	QPSK	216	0	20.78	20.83	20.81		
40	16QAM	1	1	20.83	20.84	20.78	21.7	0.0
40	64QAM	1	1	20.81	20.76	20.83	21.7	0.0
40	256QAM	1	1	19.54	19.63	19.59	20.7	1.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.75	20.80	20.76	21.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.84	20.76	20.75	21.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.80	20.76	20.83	21.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.75	20.75	20.75	21.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.83	20.84	20.79	21.7	0.0

n66_ANT 1 DFT-15(DSI17)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.04	21.17	21.10	22.2	0.0
40	PI/2 BPSK	1	108	21.18	21.22	21.17		
40	PI/2 BPSK	1	214	21.10	21.22	21.15		
40	PI/2 BPSK	108	0	21.05	21.18	21.05	22.2	0.0
40	PI/2 BPSK	108	54	21.08	21.20	21.19	22.2	0.0
40	PI/2 BPSK	108	108	21.13	21.20	21.21	22.2	0.0
40	PI/2 BPSK	216	0	21.10	21.21	21.19		
40	QPSK	1	1	21.12	21.21	21.23	22.2	0.0
40	QPSK	1	108	20.98	21.20	21.18		
40	QPSK	1	214	21.04	21.15	21.11		
40	QPSK	108	0	20.57	20.61	20.54	22.2	0.0
40	QPSK	108	54	21.11	21.08	21.15	22.2	0.0
40	QPSK	108	108	20.93	20.98	20.87	22.2	0.0
40	QPSK	216	0	20.84	20.93	20.96		
40	16QAM	1	1	20.85	20.81	20.81	22.2	0.0
40	64QAM	1	1	20.78	20.69	20.74	22.2	0.0
40	256QAM	1	1	19.07	19.02	19.05	19.7	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.87	21.14	21.06	22.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.95	21.10	21.10	22.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.95	21.16	21.14	22.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.94	21.11	21.10	22.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.92	21.12	21.06	22.2	0.0

n71_ANT 1 DFT-15(DSI17)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.78	22.81	22.82	25.2	0.0
20	PI/2 BPSK	1	53	22.81	22.83	22.75		
20	PI/2 BPSK	1	104	22.72	22.76	22.74		
20	PI/2 BPSK	50	0	22.43	22.79	22.76	24.7	0.5
20	PI/2 BPSK	50	28	22.80	22.84	22.72	25.2	0.0
20	PI/2 BPSK	50	56	22.78	22.76	22.68	24.7	0.5
20	PI/2 BPSK	100	0	22.78	22.83	22.73		
20	QPSK	1	1	24.21	24.38	24.33	25.2	0.0
20	QPSK	1	53	24.20	24.37	24.31		
20	QPSK	1	104	24.18	24.28	24.22		
20	QPSK	50	0	23.28	23.32	23.27	24.2	1.0
20	QPSK	50	28	24.28	24.31	24.23	25.2	0.0
20	QPSK	50	56	23.32	23.24	23.23	24.2	1.0
20	QPSK	100	0	23.30	23.31	23.24		
20	16QAM	1	1	22.93	23.05	23.61	24.2	1.0
20	64QAM	1	1	21.37	21.57	22.01	22.7	2.5
20	256QAM	1	1	19.02	19.84	19.81	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.36	24.29	24.37	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.32	24.32	24.31	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.29	24.33	24.32	25.2	0.0

n2_ANT 3 DFT-15(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.83	20.77	20.74	22.2	0.0
20	PI/2 BPSK	1	53	20.82	20.80	20.72		
20	PI/2 BPSK	1	104	20.83	20.75	20.67		
20	PI/2 BPSK	50	0	20.71	20.73	20.64	22.2	0.0
20	PI/2 BPSK	50	28	20.69	20.76	20.64	22.2	0.0
20	PI/2 BPSK	50	56	20.64	20.75	20.63	22.2	0.0
20	PI/2 BPSK	100	0	20.68	20.78	20.64		
20	QPSK	1	1	20.86	20.89	20.79	22.2	0.0
20	QPSK	1	53	20.84	20.83	20.70		
20	QPSK	1	104	20.82	20.83	20.70		
20	QPSK	50	0	20.70	20.69	20.69	22.2	0.0
20	QPSK	50	28	20.72	20.80	20.71	22.2	0.0
20	QPSK	50	56	20.67	20.78	20.63	22.2	0.0
20	QPSK	100	0	20.72	20.73	20.66		
20	16QAM	1	1	20.69	20.75	20.73	22.2	0.0
20	64QAM	1	1	20.66	20.74	20.72	22.2	0.0
20	256QAM	1	1	19.37	19.28	19.21	20.7	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.77	20.82	20.83	22.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.84	20.85	20.85	22.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.77	20.78	20.85	22.2	0.0

n5_ANT 1 DFT-15(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.73	22.77	22.72	24.7	0.0
20	PI/2 BPSK	1	53	22.62	22.68	22.55		
20	PI/2 BPSK	1	104	22.58	22.64	22.62		
20	PI/2 BPSK	50	0	22.63	22.67	22.63	24.2	0.5
20	PI/2 BPSK	50	28	22.65	22.73	22.61	24.7	0.0
20	PI/2 BPSK	50	56	22.64	22.61	22.64	24.2	0.5
20	PI/2 BPSK	100	0	22.69	22.72	22.62		
20	QPSK	1	1	23.74	23.78	23.72	24.7	0.0
20	QPSK	1	53	23.73	23.72	23.71		
20	QPSK	1	104	23.69	23.71	23.68		
20	QPSK	50	0	22.92	22.65	23.18	23.7	1.0
20	QPSK	50	28	23.65	23.69	23.60	24.7	0.0
20	QPSK	50	56	23.04	22.66	23.12	23.7	1.0
20	QPSK	100	0	23.10	23.17	23.14		
20	16QAM	1	1	23.38	22.91	23.07	23.7	1.0
20	64QAM	1	1	21.79	21.38	21.61	22.2	2.5
20	256QAM	1	1	19.62	19.31	19.71	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.74	23.73	23.75	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.70	23.69	23.70	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.70	23.77	23.74	24.7	0.0

n7_ANT 3 DFT-15(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.98	18.93	18.92	20.2	0.0
20	PI/2 BPSK	1	53	18.97	18.99	18.91		
20	PI/2 BPSK	1	104	18.93	18.98	18.95		
20	PI/2 BPSK	50	0	18.94	18.91	18.86	20.2	0.0
20	PI/2 BPSK	50	28	18.40	18.98	18.87	20.2	0.0
20	PI/2 BPSK	50	56	18.87	18.95	18.92	20.2	0.0
20	PI/2 BPSK	100	0	18.88	18.90	18.87		
20	QPSK	1	1	19.01	19.03	18.97	20.2	0.0
20	QPSK	1	53	19.00	19.01	18.91		
20	QPSK	1	104	18.98	18.99	18.96		
20	QPSK	50	0	18.79	18.87	18.85	20.2	0.0
20	QPSK	50	28	18.95	18.96	18.89	20.2	0.0
20	QPSK	50	56	18.92	18.95	18.88	20.2	0.0
20	QPSK	100	0	18.97	18.98	18.85		
20	16QAM	1	1	18.96	18.99	18.91	20.2	0.0
20	64QAM	1	1	18.92	18.93	18.89	20.2	0.0
20	256QAM	1	1	18.83	18.85	18.78	20.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.96	18.97	18.99	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.95	18.98	18.96	20.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.98	18.95	18.95	20.2	0.0

n25_ANT 3 DFT-15(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.11	21.11	21.02	22.2	0.0
40	PI/2 BPSK	1	108	21.09	21.03	21.05		
40	PI/2 BPSK	1	214	21.03	21.06	21.10		
40	PI/2 BPSK	108	0	21.03	21.03	21.04	22.2	0.0
40	PI/2 BPSK	108	54	21.02	21.05	21.03	22.2	0.0
40	PI/2 BPSK	108	108	21.11	21.03	21.08	22.2	0.0
40	PI/2 BPSK	216	0	21.03	21.03	21.11		
40	QPSK	1	1	21.10	21.12	21.08	22.2	0.0
40	QPSK	1	108	21.09	21.07	21.07		
40	QPSK	1	214	21.05	21.07	21.03		
40	QPSK	108	0	21.06	21.06	21.02	22.2	0.0
40	QPSK	108	54	21.08	21.11	21.07	22.2	0.0
40	QPSK	108	108	21.06	21.04	21.03	22.2	0.0
40	QPSK	216	0	21.05	21.09	21.07		
40	16QAM	1	1	20.86	20.90	20.82	22.2	0.0
40	64QAM	1	1	21.11	21.08	21.08	22.2	0.0
40	256QAM	1	1	19.71	19.79	19.70	20.7	1.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.07	21.04	21.09	22.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.10	21.02	21.02	22.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.02	21.02	21.09	22.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.05	21.05	21.11	22.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.07	21.03	21.09	22.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.06	21.07	21.11	22.2	0.0

n30_ANT 3 DFT-15(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		20.14		21.2	0.0
10	PI/2 BPSK	1	26		20.07			
10	PI/2 BPSK	1	50		20.13			
10	PI/2 BPSK	25	0		20.15		21.2	0.0
10	PI/2 BPSK	25	14		20.13		21.2	0.0
10	PI/2 BPSK	25	27		20.08		21.2	0.0
10	PI/2 BPSK	50	0		20.16			
10	QPSK	1	1		20.17		21.2	0.0
10	QPSK	1	26		20.11			
10	QPSK	1	50		20.08			
10	QPSK	25	0		20.08		21.2	0.0
10	QPSK	25	14		20.16		21.2	0.0
10	QPSK	25	27		20.12		21.2	0.0
10	QPSK	50	0		20.15			
10	16QAM	1	1		20.12		21.2	0.0
10	64QAM	1	1		20.15		21.2	0.0
10	256QAM	1	1		19.48		20.7	0.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	20.15	20.11	20.14	21.2	0.0

n66_ANT 3 DFT-15(DSI2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.68	22.71	22.74	23.7	0.0
40	PI/2 BPSK	1	108	22.65	22.72	22.73		
40	PI/2 BPSK	1	214	22.73	22.74	22.66		
40	PI/2 BPSK	108	0	22.20	22.25	22.26	23.7	0.0
40	PI/2 BPSK	108	54	22.70	22.65	22.66	23.7	0.0
40	PI/2 BPSK	108	108	22.21	22.30	22.20	23.7	0.0
40	PI/2 BPSK	216	0	22.26	22.29	22.24		
40	QPSK	1	1	22.67	22.75	22.68	23.7	0.0
40	QPSK	1	108	22.64	22.66	22.64		
40	QPSK	1	214	22.65	22.68	22.65		
40	QPSK	108	0	22.65	22.66	22.66	23.7	0.0
40	QPSK	108	54	22.69	22.73	22.70	23.7	0.0
40	QPSK	108	108	22.70	22.67	22.67	23.7	0.0
40	QPSK	216	0	22.71	22.72	22.68		
40	16QAM	1	1	22.55	22.56	22.52	23.7	0.0
40	64QAM	1	1	21.73	21.78	21.78	22.7	1.0
40	256QAM	1	1	19.61	19.57	19.53	20.7	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.70	22.69	22.71	23.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.74	22.73	22.70	23.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.68	22.68	22.72	23.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.68	22.72	22.71	23.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.65	22.73	22.73	23.7	0.0

n66_ANT 1 DFT-15(DSI2)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.07	23.10	23.18	24.2	0.0
40	PI/2 BPSK	1	108	23.13	23.17	23.20		
40	PI/2 BPSK	1	214	23.11	23.12	23.18		
40	PI/2 BPSK	108	0	23.06	23.08	23.19	23.7	0.5
40	PI/2 BPSK	108	54	23.11	23.14	23.22	24.2	0.0
40	PI/2 BPSK	108	108	23.13	23.17	23.21	23.7	0.5
40	PI/2 BPSK	216	0	23.11	23.16	23.22		
40	QPSK	1	1	23.04	23.18	23.23	24.2	0.0
40	QPSK	1	108	23.02	23.17	23.16		
40	QPSK	1	214	23.02	23.15	23.18		
40	QPSK	108	0	22.58	22.53	22.63	23.2	1.0
40	QPSK	108	54	23.10	23.12	23.13	24.2	0.0
40	QPSK	108	108	22.72	22.67	22.70	23.2	1.0
40	QPSK	216	0	22.56	22.68	22.71		
40	16QAM	1	1	22.82	22.82	22.84	23.2	1.0
40	64QAM	1	1	21.25	21.29	21.28	21.7	2.5
40	256QAM	1	1	19.14	19.11	19.10	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.06	23.06	23.16	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.14	23.06	23.06	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.16	23.08	23.10	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.00	23.00	22.93	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.95	23.00	22.99	24.2	0.0

n71_ANT 1 DFT-15(DSI2)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.78	22.81	22.82	25.2	0.0
20	PI/2 BPSK	1	53	22.81	22.83	22.75		
20	PI/2 BPSK	1	104	22.72	22.76	22.74		
20	PI/2 BPSK	50	0	22.43	22.79	22.76	24.7	0.5
20	PI/2 BPSK	50	28	22.80	22.84	22.72	25.2	0.0
20	PI/2 BPSK	50	56	22.78	22.76	22.68	24.7	0.5
20	PI/2 BPSK	100	0	22.78	22.83	22.73		
20	QPSK	1	1	24.21	24.38	24.33	25.2	0.0
20	QPSK	1	53	24.20	24.37	24.31		
20	QPSK	1	104	24.18	24.28	24.22		
20	QPSK	50	0	23.28	23.32	23.27	24.2	1.0
20	QPSK	50	28	24.28	24.31	24.23	25.2	0.0
20	QPSK	50	56	23.32	23.24	23.23	24.2	1.0
20	QPSK	100	0	23.30	23.31	23.24		
20	16QAM	1	1	22.93	23.05	23.61	24.2	1.0
20	64QAM	1	1	21.37	21.57	22.01	22.7	2.5
20	256QAM	1	1	19.02	19.84	19.81	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.36	24.29	24.37	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.32	24.32	24.31	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.29	24.33	24.32	25.2	0.0

n2_ANT 3 DFT-15(DSI7&12)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.84	19.73	19.74	21.2	0.0
20	PI/2 BPSK	1	53	19.79	19.84	19.73		
20	PI/2 BPSK	1	104	19.88	19.74	19.72		
20	PI/2 BPSK	50	0	19.74	19.78	19.67	21.2	0.0
20	PI/2 BPSK	50	28	19.68	19.77	19.59	21.2	0.0
20	PI/2 BPSK	50	56	19.67	19.76	19.61	21.2	0.0
20	PI/2 BPSK	100	0	19.70	19.73	19.65		
20	QPSK	1	1	19.85	19.92	19.79	21.2	0.0
20	QPSK	1	53	19.83	19.79	19.68		
20	QPSK	1	104	19.82	19.86	19.70		
20	QPSK	50	0	19.74	19.74	19.67	21.2	0.0
20	QPSK	50	28	19.79	19.85	19.71	21.2	0.0
20	QPSK	50	56	19.67	19.82	19.62	21.2	0.0
20	QPSK	100	0	19.71	19.75	19.67		
20	16QAM	1	1	19.71	19.71	19.78	21.2	0.0
20	64QAM	1	1	19.63	19.72	19.77	21.2	0.0
20	256QAM	1	1	19.78	19.70	19.64	20.7	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.73	19.80	19.64	21.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.74	19.79	19.68	21.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.68	19.87	19.71	21.2	0.0

n5_ANT 1 DFT-15(DSI7&12)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167350	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.73	22.77	22.72	24.7	0.0
20	PI/2 BPSK	1	53	22.62	22.68	22.55		
20	PI/2 BPSK	1	104	22.58	22.64	22.62		
20	PI/2 BPSK	50	0	22.63	22.67	22.63	24.2	0.5
20	PI/2 BPSK	50	28	22.65	22.73	22.61	24.7	0.0
20	PI/2 BPSK	50	56	22.64	22.61	22.64	24.2	0.5
20	PI/2 BPSK	100	0	22.69	22.72	22.62		
20	QPSK	1	1	23.74	23.78	23.72	24.7	0.0
20	QPSK	1	53	23.73	23.72	23.71		
20	QPSK	1	104	23.69	23.71	23.68		
20	QPSK	50	0	22.92	22.65	23.18	23.7	1.0
20	QPSK	50	28	23.65	23.69	23.60	24.7	0.0
20	QPSK	50	56	23.04	22.66	23.12	23.7	1.0
20	QPSK	100	0	23.10	23.17	23.14		
20	16QAM	1	1	23.38	22.91	23.07	23.7	1.0
20	64QAM	1	1	21.79	21.38	21.61	22.2	2.5
20	256QAM	1	1	19.62	19.31	19.71	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.74	23.73	23.75	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.70	23.69	23.70	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.70	23.77	23.74	24.7	0.0

n7_ANT 3 DFT-15(DSI7&12)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.53	17.48	17.37	18.7	0.0
20	PI/2 BPSK	1	53	17.45	17.50	17.42		
20	PI/2 BPSK	1	104	17.47	17.46	17.47		
20	PI/2 BPSK	50	0	17.41	17.46	17.38	18.7	0.0
20	PI/2 BPSK	50	28	16.91	17.50	17.37	18.7	0.0
20	PI/2 BPSK	50	56	17.32	17.40	17.37	18.7	0.0
20	PI/2 BPSK	100	0	17.41	17.36	17.42		
20	QPSK	1	1	17.53	17.55	17.49	18.7	0.0
20	QPSK	1	53	17.51	17.47	17.38		
20	QPSK	1	104	17.50	17.53	17.46		
20	QPSK	50	0	17.32	17.38	17.30	18.7	0.0
20	QPSK	50	28	17.47	17.49	17.42	18.7	0.0
20	QPSK	50	56	17.44	17.45	17.35	18.7	0.0
20	QPSK	100	0	17.43	17.45	17.38		
20	16QAM	1	1	17.42	17.45	17.41	18.7	0.0
20	64QAM	1	1	17.40	17.40	17.42	18.7	0.0
20	256QAM	1	1	17.35	17.34	17.33	18.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.25	17.31	17.37	18.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.31	17.27	17.35	18.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.31	17.34	17.34	18.7	0.0

n25_ANT 3 DFT-15(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	20.10	20.12	20.03	21.2	0.0
40	PI/2 BPSK	1	108	20.05	20.06	20.10		
40	PI/2 BPSK	1	214	20.04	20.02	20.13		
40	PI/2 BPSK	108	0	20.06	20.06	20.05	21.2	0.0
40	PI/2 BPSK	108	54	20.04	20.08	20.03	21.2	0.0
40	PI/2 BPSK	108	108	20.13	20.06	20.13	21.2	0.0
40	PI/2 BPSK	216	0	20.06	20.03	20.11		
40	QPSK	1	1	20.09	20.14	20.09	21.2	0.0
40	QPSK	1	108	20.03	20.11	20.08		
40	QPSK	1	214	20.02	20.05	20.06		
40	QPSK	108	0	20.01	20.10	20.08	21.2	0.0
40	QPSK	108	54	20.05	20.11	20.09	21.2	0.0
40	QPSK	108	108	20.03	20.09	19.99	21.2	0.0
40	QPSK	216	0	20.08	20.09	20.07		
40	16QAM	1	1	19.91	19.95	19.84	21.2	0.0
40	64QAM	1	1	20.09	20.05	20.11	21.2	0.0
40	256QAM	1	1	19.96	20.02	19.99	21.2	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.98	20.04	19.95	21.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.02	20.04	19.97	21.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.99	20.02	19.98	21.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.97	20.06	19.90	21.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.94	20.02	19.93	21.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.00	20.06	19.94	21.2	0.0

n30_ANT 3 DFT-15(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		18.63		19.7	0.0
10	PI/2 BPSK	1	26		18.54			
10	PI/2 BPSK	1	50		18.66			
10	PI/2 BPSK	25	0		18.66		19.7	0.0
10	PI/2 BPSK	25	14		18.60		19.7	0.0
10	PI/2 BPSK	25	27		18.59		19.7	0.0
10	PI/2 BPSK	50	0		18.68			
10	QPSK	1	1		18.68		19.7	0.0
10	QPSK	1	26		18.65			
10	QPSK	1	50		18.59			
10	QPSK	25	0		18.61		19.7	0.0
10	QPSK	25	14		18.61		19.7	0.0
10	QPSK	25	27		18.60		19.7	0.0
10	QPSK	50	0		18.60			
10	16QAM	1	1		18.60		19.7	0.0
10	64QAM	1	1		18.64		19.7	0.0
10	256QAM	1	1		18.58		19.7	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	18.55	18.56	18.54	19.7	0.0

n66_ANT 3 DFT-15(DSI7&12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.24	21.33	21.28	22.2	0.0
40	PI/2 BPSK	1	108	21.36	21.33	21.26		
40	PI/2 BPSK	1	214	21.28	21.31	21.35		
40	PI/2 BPSK	108	0	21.36	21.23	21.29	22.2	0.0
40	PI/2 BPSK	108	54	21.31	21.34	21.35	22.2	0.0
40	PI/2 BPSK	108	108	21.28	21.31	21.35	22.2	0.0
40	PI/2 BPSK	216	0	21.34	21.26	21.29		
40	QPSK	1	1	21.29	21.38	21.32	22.2	0.0
40	QPSK	1	108	21.24	21.36	21.27		
40	QPSK	1	214	21.28	21.28	21.26		
40	QPSK	108	0	21.22	21.24	21.20	22.2	0.0
40	QPSK	108	54	21.25	21.29	21.25	22.2	0.0
40	QPSK	108	108	21.22	21.26	21.21	22.2	0.0
40	QPSK	216	0	21.26	21.28	21.23		
40	16QAM	1	1	21.28	21.19	21.30	22.2	0.0
40	64QAM	1	1	21.30	21.22	21.34	22.2	0.0
40	256QAM	1	1	19.61	19.69	19.72	20.7	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.19	21.21	21.26	22.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.19	21.17	21.21	22.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.23	21.24	21.22	22.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.23	21.22	21.27	22.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.24	21.20	21.24	22.2	0.0

n66_ANT 1 DFT-15(DSI7&12)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.07	23.10	23.18	24.2	0.0
40	PI/2 BPSK	1	108	23.13	23.17	23.20		
40	PI/2 BPSK	1	214	23.11	23.12	23.18		
40	PI/2 BPSK	108	0	23.06	23.08	23.19	23.7	0.5
40	PI/2 BPSK	108	54	23.11	23.14	23.22	24.2	0.0
40	PI/2 BPSK	108	108	23.13	23.17	23.21	23.7	0.5
40	PI/2 BPSK	216	0	23.11	23.16	23.22		
40	QPSK	1	1	23.04	23.18	23.23	24.2	0.0
40	QPSK	1	108	23.02	23.17	23.16		
40	QPSK	1	214	23.02	23.15	23.18		
40	QPSK	108	0	22.58	22.53	22.63	23.2	1.0
40	QPSK	108	54	23.10	23.12	23.13	24.2	0.0
40	QPSK	108	108	22.72	22.67	22.70	23.2	1.0
40	QPSK	216	0	22.56	22.68	22.71		
40	16QAM	1	1	22.82	22.82	22.84	23.2	1.0
40	64QAM	1	1	21.25	21.29	21.28	21.7	2.5
40	256QAM	1	1	19.14	19.11	19.10	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.06	23.06	23.16	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.14	23.06	23.06	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.16	23.08	23.10	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.00	23.00	22.93	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.95	23.00	22.99	24.2	0.0

n71_ANT 1 DFT-15(DSI7&12)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.78	22.81	22.82	25.2	0.0
20	PI/2 BPSK	1	53	22.81	22.83	22.75		
20	PI/2 BPSK	1	104	22.72	22.76	22.74		
20	PI/2 BPSK	50	0	22.43	22.79	22.76	24.7	0.5
20	PI/2 BPSK	50	28	22.80	22.84	22.72	25.2	0.0
20	PI/2 BPSK	50	56	22.78	22.76	22.68	24.7	0.5
20	PI/2 BPSK	100	0	22.78	22.83	22.73		
20	QPSK	1	1	24.21	24.38	24.33	25.2	0.0
20	QPSK	1	53	24.20	24.37	24.31		
20	QPSK	1	104	24.18	24.28	24.22		
20	QPSK	50	0	23.28	23.32	23.27	24.2	1.0
20	QPSK	50	28	24.28	24.31	24.23	25.2	0.0
20	QPSK	50	56	23.32	23.24	23.23	24.2	1.0
20	QPSK	100	0	23.30	23.31	23.24		
20	16QAM	1	1	22.93	23.05	23.61	24.2	1.0
20	64QAM	1	1	21.37	21.57	22.01	22.7	2.5
20	256QAM	1	1	19.02	19.84	19.81	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.36	24.29	24.37	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.32	24.32	24.31	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.29	24.33	24.32	25.2	0.0

n38_ANT 3 DFT-30(DSI5&10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2565.02	2595	2624.98		
40	PI/2 BPSK	1	1	15.48	15.60	15.59	17.2	0.0
40	PI/2 BPSK	1	53	15.64	15.51	15.57		
40	PI/2 BPSK	1	104	15.49	15.55	15.62		
40	PI/2 BPSK	50	0	15.60	15.59	15.60	17.2	0.0
40	PI/2 BPSK	50	28	15.55	15.54	15.59		
40	PI/2 BPSK	50	56	15.54	15.63	15.51	17.2	0.0
40	PI/2 BPSK	100	0	15.68	15.67	15.55		
40	QPSK	1	1	15.58	15.75	15.53	17.2	0.0
40	QPSK	1	53	15.61	15.54	15.57		
40	QPSK	1	104	15.51	15.68	15.60		
40	QPSK	50	0	15.56	15.59	15.63	17.2	0.0
40	QPSK	50	28	15.57	15.73	15.53		
40	QPSK	50	56	15.56	15.58	15.65		
40	QPSK	100	0	15.56	15.58	15.52	17.2	0.0
40	16QAM	1	1	15.64	15.48	15.57	17.2	0.0
40	64QAM	1	1	15.55	15.65	15.57	17.2	0.0
40	256QAM	1	1	15.55	15.55	15.55	17.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2555.01	2595	2604.99		
30	QPSK	1	1	15.47	15.63	15.48	17.2	0.0
Channel				516024	519000	521976	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.52	2595	2607.48		
20	QPSK	1	1	15.48	15.70	15.38	17.2	0.0

n41(PC2/PC3/UL MIMO)_FCC_ANT 3 DFT-30(DSI5&10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.58	15.63	15.63	17.2	0.0
100	PI/2 BPSK	1	137	15.67	15.57	15.63		
100	PI/2 BPSK	1	271	15.57	15.65	15.68		
100	PI/2 BPSK	135	0	15.69	15.68	15.69	17.2	0.0
100	PI/2 BPSK	135	69	15.62	15.60	15.63		
100	PI/2 BPSK	135	138	15.57	15.69	15.56	17.2	0.0
100	PI/2 BPSK	270	0	15.72	15.71	15.63		
100	QPSK	1	1	15.69	15.81	15.80	17.2	0.0
100	QPSK	1	137	15.68	15.61	15.65		
100	QPSK	1	271	15.57	15.73	15.67		
100	QPSK	135	0	15.63	15.69	15.62	17.2	0.0
100	QPSK	135	69	15.65	15.76	15.64		
100	QPSK	135	138	15.64	15.63	15.63		
100	QPSK	270	0	15.63	15.64	15.59	17.2	0.0
100	16QAM	1	1	15.68	15.54	15.67	17.2	0.0
100	64QAM	1	1	15.60	15.69	15.67	17.2	0.0
100	256QAM	1	1	15.62	15.64	15.63	17.2	0.0
Channel				506202	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.52	15.65	15.53	17.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.57	15.59	15.49	17.2	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.54	15.57	15.51	17.2	0.0
Channel				509394	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.03	2592.99	2664.99		
50	QPSK	1	1	15.56	15.62	15.54	17.2	0.0
Channel				510192	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.51	15.59	15.54	17.2	0.0
Channel				510990	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.49	15.64	15.47	17.2	0.0
Channel				511788	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505.02	2592.99	2679.99		
20	QPSK	1	1	15.53	15.57	15.50	17.2	0.0

n41(PC2)_FCC_ANT 1 DFT-30(DSI5&10&15)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.08	22.08	21.98	23.2	0.0
100	PI/2 BPSK	1	137	22.10	21.97	22.02		
100	PI/2 BPSK	1	271	22.12	22.06	22.14		
100	PI/2 BPSK	135	0	22.02	21.93	21.99	23.2	0.0
100	PI/2 BPSK	135	69	21.98	22.00	21.90	23.2	0.0
100	PI/2 BPSK	135	138	21.93	22.00	21.92	23.2	0.0
100	PI/2 BPSK	270	0	22.06	21.93	21.96		
100	QPSK	1	1	22.27	22.13	22.14	23.2	0.0
100	QPSK	1	137	22.06	21.96	22.07		
100	QPSK	1	271	22.13	22.02	22.02		
100	QPSK	135	0	22.08	21.95	21.94	23.2	0.0
100	QPSK	135	69	22.13	21.98	22.06		
100	QPSK	135	138	21.99	21.88	21.98		
100	QPSK	270	0	22.15	21.90	22.07	23.2	0.0
100	16QAM	1	1	21.93	21.77	21.85	23.2	0.0
100	64QAM	1	1	21.58	21.64	21.67	23.2	0.0
100	256QAM	1	1	19.75	19.91	19.96	21.2	2.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.21	22.07	22.10	23.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.24	22.08	22.06	23.2	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.18	22.04	22.10	23.2	0.0
Channel				509394	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.03	2592.99	2664.99		
50	QPSK	1	1	22.19	22.07	22.05	23.2	0.0
Channel				510192	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.19	22.08	22.09	23.2	0.0
Channel				510990	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.18	22.10	22.08	23.2	0.0
Channel				511788	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.19	22.03	22.04	23.2	0.0

n38_ANT 3 DFT-30(DSI&14)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2592.52	2595	2595.98		
40	PI/2 BPSK	1	1	15.48	15.60	15.59	17.2	0.0
40	PI/2 BPSK	1	53	15.64	15.51	15.57		
40	PI/2 BPSK	1	104	15.49	15.55	15.62		
40	PI/2 BPSK	50	0	15.60	15.59	15.62	17.2	0.0
40	PI/2 BPSK	50	28	15.55	15.54	15.59	17.2	0.0
40	PI/2 BPSK	50	56	15.54	15.63	15.51	17.2	0.0
40	PI/2 BPSK	100	0	15.48	15.67	15.55		
40	QPSK	1	1	15.58	15.75	15.53	17.2	0.0
40	QPSK	1	53	15.61	15.54	15.57		
40	QPSK	1	104	15.51	15.58	15.60		
40	QPSK	50	0	15.56	15.59	15.63	17.2	0.0
40	QPSK	50	28	15.57	15.73	15.53		
40	QPSK	50	56	15.56	15.58	15.65		
40	QPSK	100	0	15.56	15.58	15.52	17.2	0.0
40	16QAM	1	1	15.64	15.48	15.57	17.2	0.0
40	64QAM	1	1	15.55	15.60	15.57	17.2	0.0
40	256QAM	1	1	15.55	15.55	15.55	17.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.47	15.63	15.48	17.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
20	QPSK	1	1	15.48	15.70	15.38	17.2	0.0

n41(PC2/PC3/UL MIMO)_FCC_ANT 3 DFT-30(DSI&14)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.58	15.63	15.63	17.2	0.0
100	PI/2 BPSK	1	137	15.67	15.57	15.63		
100	PI/2 BPSK	1	271	15.57	15.65	15.68		
100	PI/2 BPSK	135	0	15.69	15.68	15.69	17.2	0.0
100	PI/2 BPSK	135	69	15.62	15.60	15.63	17.2	0.0
100	PI/2 BPSK	135	138	15.57	15.69	15.56	17.2	0.0
100	PI/2 BPSK	270	0	15.72	15.71	15.63		
100	QPSK	1	1	15.49	15.81	15.80	17.2	0.0
100	QPSK	1	137	15.66	15.61	15.65		
100	QPSK	1	271	15.57	15.73	15.67		
100	QPSK	135	0	15.83	15.69	15.62	17.2	0.0
100	QPSK	135	69	15.65	15.76	15.64		
100	QPSK	135	138	15.64	15.63	15.63		
100	QPSK	270	0	15.83	15.64	15.59	17.2	0.0
100	16QAM	1	1	15.68	15.54	15.67	17.2	0.0
100	64QAM	1	1	15.60	15.69	15.67	17.2	0.0
100	256QAM	1	1	15.62	15.64	15.63	17.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.52	15.65	15.53	17.2	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	15.57	15.59	15.49	17.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.54	15.57	15.51	17.2	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.56	15.62	15.54	17.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.51	15.59	15.54	17.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.49	15.64	15.47	17.2	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.53	15.57	15.50	17.2	0.0

n41(PC2)_FCC_ANT 1 DFT-30(DSI&14)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.08	24.05	24.03	25.2	0.0
100	PI/2 BPSK	1	137	24.05	24.01	24.03		
100	PI/2 BPSK	1	271	24.11	24.07	24.10		
100	PI/2 BPSK	135	0	23.98	23.97	23.96	25.2	0.0
100	PI/2 BPSK	135	69	24.02	24.00	23.94	25.2	0.0
100	PI/2 BPSK	135	138	23.98	23.95	23.92	25.2	0.0
100	PI/2 BPSK	270	0	24.03	23.97	23.92		
100	QPSK	1	1	24.25	24.08	24.10	25.2	0.0
100	QPSK	1	137	24.06	23.95	24.03		
100	QPSK	1	271	24.08	24.07	24.07		
100	QPSK	135	0	24.08	23.90	23.92	25.2	0.0
100	QPSK	135	69	24.09	23.91	24.06		
100	QPSK	135	138	23.99	23.89	24.02		
100	QPSK	270	0	24.10	23.95	24.06	25.2	0.0
100	16QAM	1	1	23.21	23.25	23.20	24.7	0.5
100	64QAM	1	1	21.81	21.67	21.71	22.7	2.5
100	256QAM	1	1	19.82	19.98	20.00	20.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.13	24.06	24.12	25.2	0.0
Channel				507204	518598	529996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.08	24.06	24.05	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.07	24.04	24.14	25.2	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.13	24.07	24.13	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.05	24.05	24.06	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.10	24.11	24.05	25.2	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.04	24.14	24.09	25.2	0.0

n38_ANT 3 DFT-30(DSI17)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2592.52	2595	2599.98		
40	PI/2 BPSK	1	1	16.53	16.62	16.55	18.2	0.0
40	PI/2 BPSK	1	53	16.61	16.46	16.64		
40	PI/2 BPSK	1	104	16.44	16.57	16.64		
40	PI/2 BPSK	50	0	16.68	16.55	16.59	18.2	0.0
40	PI/2 BPSK	50	28	16.58	16.46	16.60	18.2	0.0
40	PI/2 BPSK	50	56	16.56	16.64	16.48	18.2	0.0
40	PI/2 BPSK	100	0	16.58	16.68	16.55		
40	QPSK	1	1	16.73	16.81	16.67	18.2	0.0
40	QPSK	1	53	16.58	16.58	16.60		
40	QPSK	1	104	16.48	16.68	16.66		
40	QPSK	50	0	16.60	16.60	16.60	18.2	0.0
40	QPSK	50	28	16.65	16.77	16.63		
40	QPSK	50	56	16.62	16.52	16.61		
40	QPSK	100	0	16.59	16.60	16.49	18.2	0.0
40	16QAM	1	1	16.60	16.50	16.62	18.2	0.0
40	64QAM	1	1	16.51	16.62	16.61	18.2	0.0
40	256QAM	1	1	16.51	16.60	16.51	18.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.67	16.68	16.47	18.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
20	QPSK	1	1	16.58	16.69	16.51	18.2	0.0

n41(PC2/PC3/UL MIMO)_FCC_ANT 3 DFT-30(DSI17)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.58	16.67	16.65	18.2	0.0
100	PI/2 BPSK	1	137	16.67	16.53	16.68		
100	PI/2 BPSK	1	271	16.53	16.64	16.72		
100	PI/2 BPSK	135	0	16.71	16.64	16.68	18.2	0.0
100	PI/2 BPSK	135	69	16.64	16.55	16.63	18.2	0.0
100	PI/2 BPSK	135	138	16.61	16.70	16.52	18.2	0.0
100	PI/2 BPSK	270	0	16.68	16.76	16.65		
100	QPSK	1	1	16.77	16.86	16.69	18.2	0.0
100	QPSK	1	137	16.61	16.61	16.64		
100	QPSK	1	271	16.55	16.77	16.68		
100	QPSK	135	0	16.67	16.65	16.62	18.2	0.0
100	QPSK	135	69	16.69	16.82	16.68		
100	QPSK	135	138	16.66	16.60	16.66		
100	QPSK	270	0	16.68	16.69	16.56	18.2	0.0
100	16QAM	1	1	16.67	16.59	16.70	18.2	0.0
100	64QAM	1	1	16.60	16.70	16.67	18.2	0.0
100	256QAM	1	1	16.59	16.69	16.58	18.2	0.0
Channel				508200	518002	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.53	16.70	16.46	18.2	0.0
Channel				507204	518008	529008	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.59	16.64	16.46	18.2	0.0
Channel				506202	518008	531006	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.56	16.61	16.44	18.2	0.0
Channel				504204	518008	532008	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.56	16.68	16.46	18.2	0.0
Channel				503202	518008	534006	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.61	16.62	16.44	18.2	0.0
Channel				502200	518008	535404	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.53	16.63	16.43	18.2	0.0
Channel				501204	518008	536808	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.61	16.61	16.52	18.2	0.0

n41(PC2)_FCC_ANT 1 DFT-30(DSI17)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.08	22.08	21.98	23.2	0.0
100	PI/2 BPSK	1	137	22.10	21.97	22.02		
100	PI/2 BPSK	1	271	22.12	22.06	22.14		
100	PI/2 BPSK	135	0	22.02	21.93	21.99	23.2	0.0
100	PI/2 BPSK	135	69	21.98	22.00	21.90	23.2	0.0
100	PI/2 BPSK	135	138	21.93	22.00	21.92	23.2	0.0
100	PI/2 BPSK	270	0	22.06	21.93	21.96		
100	QPSK	1	1	22.27	22.13	22.14	23.2	0.0
100	QPSK	1	137	22.06	21.98	22.07		
100	QPSK	1	271	22.13	22.02	22.02		
100	QPSK	135	0	22.06	21.95	21.94	23.2	0.0
100	QPSK	135	69	22.13	21.98	22.06		
100	QPSK	135	138	21.99	21.88	21.98		
100	QPSK	270	0	22.15	21.90	22.07	23.2	0.0
100	16QAM	1	1	21.93	21.77	21.85	23.2	0.0
100	64QAM	1	1	21.58	21.64	21.67	23.2	0.0
100	256QAM	1	1	19.75	19.91	19.96	21.2	2.0
Channel				508200	518002	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.21	22.07	22.10	23.2	0.0
Channel				507204	518008	529008	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.24	22.08	22.06	23.2	0.0
Channel				506202	518008	531006	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.18	22.04	22.10	23.2	0.0
Channel				504204	518008	532008	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.19	22.07	22.05	23.2	0.0
Channel				503202	518008	534006	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.19	22.08	22.09	23.2	0.0
Channel				502200	518008	535404	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.18	22.10	22.08	23.2	0.0
Channel				501204	518008	536808	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.19	22.03	22.04	23.2	0.0

n38_ANT 3 DFT-30(DSI2&7&12)							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2580.02	2595	2609.98		
40	PI/2 BPSK	1	1	15.48	15.60	15.59		
40	PI/2 BPSK	1	53	15.64	15.51	15.57	17.2	0.0
40	PI/2 BPSK	1	104	15.49	15.35	15.62		
40	PI/2 BPSK	50	0	15.60	15.59	15.60	17.2	0.0
40	PI/2 BPSK	50	28	15.55	15.54	15.59	17.2	0.0
40	PI/2 BPSK	50	56	15.54	15.63	15.51	17.2	0.0
40	PI/2 BPSK	100	0	15.68	15.67	15.55		
40	QPSK	1	1	15.58	15.75	15.53		
40	QPSK	1	53	15.61	15.54	15.57	17.2	0.0
40	QPSK	1	104	15.51	15.68	15.60		
40	QPSK	50	0	15.56	15.59	15.63		
40	QPSK	50	28	15.57	15.73	15.53	17.2	0.0
40	QPSK	50	56	15.56	15.58	15.65		
40	QPSK	100	0	15.56	15.58	15.52	17.2	0.0
40	16QAM	1	1	15.64	15.48	15.57	17.2	0.0
40	64QAM	1	1	15.55	15.60	15.57	17.2	0.0
40	256QAM	1	1	15.55	15.55	15.55	17.2	0.0
Channel				517012	519000	520988	Tune-up limit	MPR
Frequency (MHz)				2580.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	15.47	15.63	15.48	17.2	0.0
Channel				516004	519000	521996	Tune-up limit	MPR
Frequency (MHz)				2562.02	2595	2627.98	(dBm)	(dB)
20	QPSK	1	1	15.48	15.70	15.38	17.2	0.0

n41(PC2/PC3/UL MIMO)_FCC_ANT 3 DFT-30(DSI2&7&12)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.58	15.63	15.63		
100	PI/2 BPSK	1	137	15.67	15.57	15.63	17.2	0.0
100	PI/2 BPSK	1	271	15.57	15.65	15.68		
100	PI/2 BPSK	135	0	15.69	15.68	15.69	17.2	0.0
100	PI/2 BPSK	135	69	15.62	15.60	15.63	17.2	0.0
100	PI/2 BPSK	135	138	15.57	15.69	15.56	17.2	0.0
100	PI/2 BPSK	270	0	15.72	15.71	15.63		
100	QPSK	1	1	15.69	15.81	15.82		
100	QPSK	1	137	15.66	15.61	15.65	17.2	0.0
100	QPSK	1	271	15.57	15.73	15.67		
100	QPSK	135	0	15.63	15.69	15.62		
100	QPSK	135	69	15.65	15.76	15.64	17.2	0.0
100	QPSK	135	138	15.64	15.63	15.63		
100	QPSK	270	0	15.63	15.64	15.59	17.2	0.0
100	16QAM	1	1	15.68	15.54	15.67	17.2	0.0
100	64QAM	1	1	15.60	15.69	15.67	17.2	0.0
100	256QAM	1	1	15.62	15.64	15.63	17.2	0.0
Channel				506200	518998	529798	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.99	(dBm)	(dB)
90	QPSK	1	1	15.52	15.65	15.53	17.2	0.0
Channel				507204	518998	530998	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2646.99	(dBm)	(dB)
80	QPSK	1	1	15.57	15.59	15.49	17.2	0.0
Channel				508400	518998	531998	Tune-up limit	MPR
Frequency (MHz)				2536	2592.99	2649.99	(dBm)	(dB)
60	QPSK	1	1	15.54	15.57	15.51	17.2	0.0
Channel				504204	518998	532998	Tune-up limit	MPR
Frequency (MHz)				2531.02	2592.99	2654.98	(dBm)	(dB)
50	QPSK	1	1	15.56	15.62	15.54	17.2	0.0
Channel				503202	518998	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	15.51	15.59	15.54	17.2	0.0
Channel				502200	518998	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	15.49	15.64	15.47	17.2	0.0
Channel				501204	518998	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	15.53	15.57	15.50	17.2	0.0

n41(PC2)_FCC_ANT 1 DFT-30(DSI2&7&12)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518998	526000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.06	24.05	24.03		
100	PI/2 BPSK	1	137	24.05	24.01	24.03	25.2	0.0
100	PI/2 BPSK	1	271	24.11	24.07	24.10		
100	PI/2 BPSK	135	0	23.98	23.97	23.96	25.2	0.0
100	PI/2 BPSK	135	69	24.02	24.00	23.94	25.2	0.0
100	PI/2 BPSK	135	138	23.98	23.95	23.92	25.2	0.0
100	PI/2 BPSK	270	0	24.03	23.97	23.92		
100	QPSK	1	1	24.25	24.08	24.10		
100	QPSK	1	137	24.06	23.95	24.03	25.2	0.0
100	QPSK	1	271	24.08	24.07	24.07		
100	QPSK	135	0	24.08	23.90	23.92		
100	QPSK	135	69	24.09	23.91	24.06	25.2	0.0
100	QPSK	135	138	23.98	23.89	24.02		
100	QPSK	270	0	24.10	23.95	24.06	25.2	0.0
100	16QAM	1	1	23.21	23.25	23.20	24.7	0.5
100	64QAM	1	1	21.61	21.67	21.71	22.7	2.5
100	256QAM	1	1	19.82	19.98	20.00	20.7	4.5
Channel				506000	518998	526998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.99	(dBm)	(dB)
90	QPSK	1	1	24.13	24.06	24.12	25.2	0.0
Channel				507204	518998	530998	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2646.99	(dBm)	(dB)
80	QPSK	1	1	24.08	24.06	24.05	25.2	0.0
Channel				508400	518998	531998	Tune-up limit	MPR
Frequency (MHz)				2536	2592.99	2649.99	(dBm)	(dB)
60	QPSK	1	1	24.07	24.04	24.14	25.2	0.0
Channel				504204	518998	532998	Tune-up limit	MPR
Frequency (MHz)				2531.02	2592.99	2654.98	(dBm)	(dB)
50	QPSK	1	1	24.13	24.07	24.13	25.2	0.0
Channel				503202	518998	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	24.06	24.05	24.06	25.2	0.0
Channel				502200	518998	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	24.10	24.11	24.05	25.2	0.0
Channel				501204	518998	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	24.04	24.14	24.09	25.2	0.0

2.4GHz WLAN/5GHz WLAN Conducted Power

2.4GHz WLAN					Ant 4		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	Full	1	2412	17.10	19.00	100.00
		Full	6	2437	17.20	19.00	
		Full	11	2462	17.10	19.00	
	802.11g 6Mbps	Full	1	2412	16.00	17.50	99.32
		Full	6	2437	16.10	17.50	
		Full	11	2462	15.80	17.50	
	802.11n-HT20 MCS0	Full	1	2412	15.50	17.00	100.00
		Full	6	2437	15.60	17.00	
		Full	11	2462	15.40	17.00	
	802.11n-HT40 MCS0	Full	3	2422	16.30	18.00	100.00
		Full	6	2437	16.30	18.00	
		Full	9	2452	16.10	18.00	
	802.11ac-VHT20 MCS0	Full	1	2412	15.50	17.00	100.00
		Full	6	2437	15.50	17.00	
		Full	11	2462	15.30	17.00	
	802.11ac-VHT40 MCS0	Full	3	2422	16.10	18.00	100.00
		Full	6	2437	16.10	18.00	
		Full	9	2452	16.00	18.00	
	802.11ax-HE20 MCS0	Full	1	2412	15.80	17.00	100.00
		26/0	1	2412	5.40	7.00	
		52/37	1	2412	8.00	9.00	
		106/53	1	2412	11.20	13.00	
		Full	6	2437	15.90	17.00	
		Full	11	2462	15.70	17.00	
		26/8	11	2462	5.40	7.00	
		52/40	11	2462	6.50	8.00	
		106/54	11	2462	11.00	13.00	
	802.11ax-HE40 MCS0	Full	3	2422	16.20	18.00	100.00
		242/61	3	2422	16.70	18.00	
		Full	6	2437	16.30	18.00	
		Full	9	2452	16.10	18.00	
		242/62	9	2452	16.30	18.00	

2.4GHz WLAN					Ant 6		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	Full	1	2412	17.50	19.00	100.00
		Full	6	2437	17.60	19.00	
		Full	11	2462	17.50	19.00	
	802.11g 6Mbps	Full	1	2412	17.10	17.50	99.32
		Full	6	2437	16.80	17.50	
		Full	11	2462	16.90	17.50	
	802.11n-HT20 MCS0	Full	1	2412	16.70	17.00	100.00
		Full	6	2437	16.60	17.00	
		Full	11	2462	16.60	17.00	
	802.11n-HT40 MCS0	Full	3	2422	16.80	18.00	100.00
		Full	6	2437	17.00	18.00	
		Full	9	2452	16.90	18.00	
	802.11ac-VHT20 MCS0	Full	1	2412	16.50	17.00	100.00
		Full	6	2437	16.30	17.00	
		Full	11	2462	16.40	17.00	
	802.11ac-VHT40 MCS0	Full	3	2422	16.90	18.00	100.00
		Full	6	2437	17.00	18.00	
		Full	9	2452	16.90	18.00	
	802.11ax-HE20 MCS0	Full	1	2412	16.90	17.00	100.00
		26/0	1	2412	7.20	8.00	
		52/37	1	2412	10.10	11.00	
		106/53	1	2412	12.60	13.00	
		Full	6	2437	16.60	17.00	
		Full	11	2462	16.80	17.00	
		26/8	11	2462	7.40	8.00	
		52/40	11	2462	9.00	10.00	
		106/54	11	2462	12.60	13.00	
	802.11ax-HE40 MCS0	Full	3	2422	17.10	18.00	100.00
		242/61	3	2422	17.50	18.00	
		Full	6	2437	17.00	18.00	
		Full	9	2452	17.20	18.00	
		242/62	9	2452	17.40	18.00	

2.4GHz WLAN					Ant 4+6		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	Full	1	2412	20.46	22.00	100.00
		Full	6	2437	20.56	22.00	
		Full	11	2462	20.41	22.00	
	802.11g 6Mbps	Full	1	2412	19.60	20.50	99.32
		Full	6	2437	19.47	20.50	
		Full	11	2462	19.40	20.50	
	802.11n-HT20 MCS0	Full	1	2412	19.30	20.00	100.00
		Full	6	2437	19.17	20.00	
		Full	11	2462	19.20	20.00	
	802.11n-HT40 MCS0	Full	3	2422	19.62	21.00	100.00
		Full	6	2437	19.73	21.00	
		Full	9	2452	19.58	21.00	
	802.11ac-VHT20 MCS0	Full	1	2412	19.20	20.00	100.00
		Full	6	2437	19.07	20.00	
		Full	11	2462	19.04	20.00	
	802.11ac-VHT40 MCS0	Full	3	2422	19.52	21.00	100.00
		Full	6	2437	19.63	21.00	
		Full	9	2452	19.48	21.00	
	802.11ax-HE20 MCS0	Full	1	2412	19.40	20.00	100.00
		26/0	1	2412	9.40	10.50	
		52/37	1	2412	12.19	13.00	
		106/53	1	2412	14.97	16.00	
		Full	6	2437	19.27	20.00	
		Full	11	2462	19.30	20.00	
		26/8	11	2462	9.52	10.50	
		52/40	11	2462	10.94	12.00	
		106/54	11	2462	14.88	16.00	
	802.11ax-HE40 MCS0	Full	3	2422	19.68	21.00	100.00
		242/61	3	2422	20.13	21.00	
		Full	6	2437	19.67	21.00	
		Full	9	2452	19.74	21.00	
		242/62	9	2452	19.90	21.00	

5.2GHz WLAN					Ant 13		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Full	36	5180	18.03	19.00	99.31
		Full	40	5200	17.91	19.00	
		Full	44	5220	17.52	19.00	
		Full	48	5240	17.41	19.00	
	802.11n-HT20 MCS0	Full	36	5180	17.80	19.00	100.00
		Full	40	5200	17.58	19.00	
		Full	44	5220	17.19	19.00	
		Full	48	5240	17.54	19.00	
	802.11n-HT40 MCS0	Full	38	5190	17.55	19.00	100.00
		Full	46	5230	17.46	19.00	
	802.11ac-VHT20 MCS0	Full	36	5180	17.70	19.00	100.00
		Full	40	5200	17.55	19.00	
		Full	44	5220	17.14	19.00	
		Full	48	5240	17.41	19.00	
	802.11ac-VHT40 MCS0	Full	38	5190	17.53	19.00	100.00
		Full	46	5230	17.44	19.00	
	802.11ac-VHT80 MCS0	Full	42	5210	17.24	19.00	100.00
	802.11ax-HE20 MCS0	Full	36	5180	17.87	19.00	100.00
		26/0	36	5180	8.26	9.00	
		52/37	36	5180	11.21	12.00	
		106/53	36	5180	14.50	16.00	
		Full	40	5200	18.65	19.00	
		Full	44	5220	17.36	19.00	
		Full	48	5240	17.22	19.00	
		26/8	48	5240	7.82	9.00	
		52/40	48	5240	10.63	12.00	
		106/54	48	5240	14.02	16.00	
	802.11ax-HE40 MCS0	Full	38	5190	17.63	19.00	100.00
		242/61	38	5190	17.57	19.00	
		Full	46	5230	17.19	19.00	
		242/62	46	5230	17.12	19.00	
	802.11ax-HE80 MCS0	Full	42	5210	17.48	19.00	100.00
		484/65	42	5210	16.22	18.00	
		484/66	42	5210	17.35	19.00	

5.2GHz WLAN					Ant 9		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Full	36	5180	17.32	19.00	99.31
		Full	40	5200	17.42	19.00	
		Full	44	5220	17.49	19.00	
		Full	48	5240	17.64	19.00	
	802.11n-HT20 MCS0	Full	36	5180	17.25	19.00	100.00
		Full	40	5200	17.14	19.00	
		Full	44	5220	17.23	19.00	
		Full	48	5240	17.80	19.00	
	802.11n-HT40 MCS0	Full	38	5190	17.22	19.00	100.00
		Full	46	5230	17.72	19.00	
	802.11ac-VHT20 MCS0	Full	36	5180	17.23	19.00	100.00
		Full	40	5200	17.09	19.00	
		Full	44	5220	17.20	19.00	
		Full	48	5240	17.76	19.00	
	802.11ac-VHT40 MCS0	Full	38	5190	17.20	19.00	100.00
		Full	46	5230	17.68	19.00	
	802.11ac-VHT80 MCS0	Full	42	5210	17.22	19.00	100.00
	802.11ax-HE20 MCS0	Full	36	5180	17.22	19.00	100.00
		26/0	36	5180	8.04	9.00	
		52/37	36	5180	11.01	12.00	
		106/53	36	5180	14.42	16.00	
		Full	40	5200	17.13	19.00	
		Full	44	5220	17.36	19.00	
		Full	48	5240	17.51	19.00	
		26/8	48	5240	8.05	9.00	
		52/40	48	5240	10.86	12.00	
		106/54	48	5240	14.28	16.00	
	802.11ax-HE40 MCS0	Full	38	5190	17.22	19.00	100.00
		242/61	38	5190	17.34	19.00	
		Full	46	5230	17.30	19.00	
		242/62	46	5230	17.29	19.00	
	802.11ax-HE80 MCS0	Full	42	5210	17.51	19.00	100.00
		484/65	42	5210	16.14	18.00	
		484/66	42	5210	17.11	19.00	

5.2GHz WLAN					Ant 13+9		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Full	36	5180	20.76	22.00	99.31
		Full	40	5200	20.68	22.00	
		Full	44	5220	20.59	22.00	
		Full	48	5240	20.57	22.00	
	802.11n-HT20 MCS0	Full	36	5180	20.58	22.00	100.00
		Full	40	5200	20.38	22.00	
		Full	44	5220	20.26	22.00	
		Full	48	5240	20.72	22.00	
	802.11n-HT40 MCS0	Full	38	5190	20.43	22.00	100.00
		Full	46	5230	20.64	22.00	
	802.11ac-VHT20 MCS0	Full	36	5180	20.54	22.00	100.00
		Full	40	5200	20.34	22.00	
		Full	44	5220	20.22	22.00	
		Full	48	5240	20.66	22.00	
	802.11ac-VHT40 MCS0	Full	38	5190	20.41	22.00	100.00
		Full	46	5230	20.61	22.00	
	802.11ac-VHT80 MCS0	Full	42	5210	20.28	22.00	100.00
	802.11ax-HE20 MCS0	Full	36	5180	20.60	22.00	100.00
		26/0	36	5180	11.16	12.00	
		52/37	36	5180	14.12	15.00	
		106/53	36	5180	17.47	19.00	
		Full	40	5200	21.00	22.00	
		Full	44	5220	20.41	22.00	
		Full	48	5240	20.41	22.00	
		26/8	48	5240	10.95	12.00	
		52/40	48	5240	13.76	15.00	
		106/54	48	5240	17.16	19.00	
	802.11ax-HE40 MCS0	Full	38	5190	20.46	22.00	100.00
		242/61	38	5190	20.47	22.00	
		Full	46	5230	20.29	22.00	
		242/62	46	5230	20.22	22.00	
	802.11ax-HE80 MCS0	Full	42	5210	20.56	22.00	100.00
		484/65	42	5210	19.19	21.00	
		484/66	42	5210	20.24	22.00	

5.3GHz WLAN					Ant 13		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	Full	52	5260	17.53	19.00	99.31
		Full	56	5280	17.40	19.00	
		Full	60	5300	17.32	19.00	
		Full	64	5320	17.77	19.00	
	802.11n-HT20 MCS0	Full	52	5260	17.64	19.00	100.00
		Full	56	5280	17.57	19.00	
		Full	60	5300	17.43	19.00	
		Full	64	5320	17.53	19.00	
	802.11n-HT40 MCS0	Full	54	5270	17.44	19.00	100.00
		Full	62	5310	16.64	18.00	
	802.11ac-VHT20 MCS0	Full	52	5260	17.59	19.00	100.00
		Full	56	5280	17.53	19.00	
		Full	60	5300	17.38	19.00	
		Full	64	5320	17.48	19.00	
	802.11ac-VHT40 MCS0	Full	54	5270	17.40	19.00	100.00
		Full	62	5310	17.72	19.00	
	802.11ac-VHT80 MCS0	Full	58	5290	16.34	18.00	100.00
	802.11ac-VHT160 MCS0	Full	50	5250	14.61	16.00	100
	802.11ax-HE20 MCS0	Full	52	5260	17.35	19.00	100.00
		26/0	52	5260	7.85	9.00	
		52/37	52	5260	10.66	12.00	
		106/53	52	5260	14.09	15.00	
		Full	56	5280	18.02	19.00	
		Full	60	5300	17.24	19.00	
		Full	64	5320	17.59	19.00	
		26/8	64	5320	8.11	9.00	
		52/40	64	5320	11.16	12.00	
		106/54	64	5320	14.29	15.00	
	802.11ax-HE40 MCS0	Full	54	5270	17.16	19.00	100.00
		242/61	54	5270	17.09	19.00	
		Full	62	5310	16.72	18.00	
		242/62	62	5310	17.52	19.00	
	802.11ax-HE80 MCS0	Full	58	5290	15.42	17.00	100.00
		484/65	58	5290	17.08	18.00	
		484/66	58	5290	15.12	16.00	
	802.11ax-HE160 MCS0	Full	50	5250	14.92	16.00	100
		996/67	50	5250	15.67	16.50	

5.3GHz WLAN					Ant 9		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	Full	52	5260	17.31	19.00	99.31
		Full	56	5280	17.25	19.00	
		Full	60	5300	17.30	19.00	
		Full	64	5320	17.45	19.00	
	802.11n-HT20 MCS0	Full	52	5260	17.59	19.00	100.00
		Full	56	5280	17.49	19.00	
		Full	60	5300	17.61	19.00	
		Full	64	5320	17.31	19.00	
	802.11n-HT40 MCS0	Full	54	5270	17.50	19.00	100.00
		Full	62	5310	16.33	18.00	
	802.11ac-VHT20 MCS0	Full	52	5260	17.54	19.00	100.00
		Full	56	5280	17.42	19.00	
		Full	60	5300	17.58	19.00	
		Full	64	5320	17.29	19.00	
	802.11ac-VHT40 MCS0	Full	54	5270	17.47	19.00	100.00
		Full	62	5310	17.49	19.00	
	802.11ac-VHT80 MCS0	Full	58	5290	16.38	18.00	100.00
	802.11ac-VHT160 MCS0	Full	50	5250	14.95	16.00	100
	802.11ax-HE20 MCS0	Full	52	5260	17.21	19.00	100.00
		26/0	52	5260	7.67	9.00	
		52/37	52	5260	10.58	12.00	
		106/53	52	5260	13.84	15.00	
		Full	56	5280	17.09	19.00	
		Full	60	5300	17.23	19.00	
		Full	64	5320	17.34	19.00	
		26/8	64	5320	7.81	9.00	
		52/40	64	5320	10.75	12.00	
		106/54	64	5320	14.03	15.00	
	802.11ax-HE40 MCS0	Full	54	5270	17.24	19.00	100.00
		242/61	54	5270	17.14	19.00	
		Full	62	5310	16.38	18.00	
		242/62	62	5310	17.06	19.00	
	802.11ax-HE80 MCS0	Full	58	5290	15.48	17.00	100.00
		484/65	58	5290	17.12	18.00	
		484/66	58	5290	14.72	16.00	
	802.11ax-HE160 MCS0	Full	50	5250	15.34	16.00	100
		996/67	50	5250	16.18	16.50	

5.3GHz WLAN					Ant 13+9		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	Full	52	5260	20.47	22.00	99.31
		Full	56	5280	20.34	22.00	
		Full	60	5300	20.36	22.00	
		Full	64	5320	20.65	22.00	
	802.11n-HT20 MCS0	Full	52	5260	20.67	22.00	100.00
		Full	56	5280	20.54	22.00	
		Full	60	5300	20.58	22.00	
		Full	64	5320	20.45	22.00	
	802.11n-HT40 MCS0	Full	54	5270	20.54	22.00	100.00
		Full	62	5310	19.54	21.00	
	802.11ac-VHT20 MCS0	Full	52	5260	20.65	22.00	100.00
		Full	56	5280	20.49	22.00	
		Full	60	5300	20.53	22.00	
		Full	64	5320	20.43	22.00	
	802.11ac-VHT40 MCS0	Full	54	5270	20.50	22.00	100.00
		Full	62	5310	20.66	22.00	
	802.11ac-VHT80 MCS0	Full	58	5290	19.41	21.00	100.00
	802.11ac-VHT160 MCS0	Full	50	5250	17.82	19.00	100
	802.11ax-HE20 MCS0	Full	52	5260	20.33	22.00	100.00
		26/0	52	5260	10.77	12.00	
		52/37	52	5260	13.63	15.00	
		106/53	52	5260	16.98	18.00	
		Full	56	5280	20.60	22.00	
		Full	60	5300	20.27	22.00	
		Full	64	5320	20.52	22.00	
		26/8	64	5320	10.97	12.00	
		52/40	64	5320	13.97	15.00	
		106/54	64	5320	17.17	18.00	
	802.11ax-HE40 MCS0	Full	54	5270	20.27	22.00	100.00
		242/61	54	5270	20.13	22.00	
		Full	62	5310	19.60	21.00	
		242/62	62	5310	20.31	22.00	
	802.11ax-HE80 MCS0	Full	58	5290	18.50	20.00	100.00
		484/65	58	5290	20.11	21.00	
		484/66	58	5290	17.93	19.00	
	802.11ax-HE160 MCS0	Full	50	5250	18.18	19.00	100
		996/67	50	5250	18.94	19.50	

5.5GHz WLAN					Ant 13		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	Full	100	5500	17.54	19.00	99.31
		Full	116	5580	17.39	19.00	
		Full	124	5620	17.35	19.00	
		Full	132	5660	17.41	19.00	
		Full	140	5700	17.75	19.00	
	802.11n-HT20 MCS0	Full	100	5500	17.62	19.00	100.00
		Full	116	5580	17.50	19.00	
		Full	124	5620	17.49	19.00	
		Full	132	5660	17.55	19.00	
		Full	140	5700	17.48	19.00	
	802.11n-HT40 MCS0	Full	102	5510	17.41	19.00	100.00
		Full	110	5550	17.57	19.00	
		Full	126	5630	17.61	19.00	
		Full	134	5670	17.80	19.00	
	802.11ac-VHT20 MCS0	Full	100	5500	17.57	19.00	100.00
		Full	116	5580	17.45	19.00	
		Full	124	5620	17.44	19.00	
		Full	132	5660	17.52	19.00	
		Full	140	5700	17.43	19.00	
	802.11ac-VHT40 MCS0	Full	102	5510	17.39	19.00	100.00
		Full	110	5550	17.53	19.00	
		Full	126	5630	17.57	19.00	
		Full	134	5670	17.75	19.00	
	802.11ac-VHT80 MCS0	Full	106	5530	17.46	19.00	100.00
		Full	122	5610	17.37	19.00	
	802.11ac-VHT160 MCS0	Full	114	5570	15.80	17.00	100.00
	802.11ax-HE20 MCS0	Full	100	5500	17.32	19.00	100.00
		26/0	100	5500	7.96	9.00	
		52/37	100	5500	11.02	12.00	
		106/53	100	5500	14.27	15.00	
		Full	116	5580	17.21	19.00	
		Full	124	5620	17.95	19.00	
		Full	132	5660	17.87	19.00	
		Full	140	5700	17.63	19.00	
		26/7	140	5700	7.68	9.00	
		52/39	140	5700	10.82	12.00	
		106/54	140	5700	13.96	15.00	
	802.11ax-HE40 MCS0	Full	102	5510	17.55	19.00	100.00
		242/61	102	5510	17.14	19.00	
		Full	110	5550	17.20	19.00	
		Full	126	5630	18.42	19.00	
		Full	134	5670	17.77	19.00	
		242/62	134	5670	17.73	19.00	
	802.11ax-HE80 MCS0	Full	106	5530	17.30	19.00	100.00
		484/65	106	5530	15.28	16.00	
		Full	122	5610	17.19	19.00	
		484/66	122	5610	18.01	19.00	
	802.11ax-HE160 MCS0	Full	114	5570	16.41	17.00	100.00
		996/67	114	5570	16.73	17.00	

5.5GHz WLAN					Ant 9		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	Full	100	5500	17.22	19.00	99.31
		Full	116	5580	17.37	19.00	
		Full	124	5620	17.31	19.00	
		Full	132	5660	17.06	19.00	
		Full	140	5700	17.46	19.00	
	802.11n-HT20 MCS0	Full	100	5500	17.53	19.00	100.00
		Full	116	5580	17.63	19.00	
		Full	124	5620	17.58	19.00	
		Full	132	5660	17.09	19.00	
		Full	140	5700	17.27	19.00	
	802.11n-HT40 MCS0	Full	102	5510	17.26	19.00	100.00
		Full	110	5550	17.54	19.00	
		Full	126	5630	17.52	19.00	
		Full	134	5670	17.48	19.00	
	802.11ac-VHT20 MCS0	Full	100	5500	17.50	19.00	100.00
		Full	116	5580	17.58	19.00	
		Full	124	5620	17.53	19.00	
		Full	132	5660	17.06	19.00	
		Full	140	5700	17.24	19.00	
	802.11ac-VHT40 MCS0	Full	102	5510	17.22	19.00	100.00
		Full	110	5550	17.50	19.00	
		Full	126	5630	17.46	19.00	
		Full	134	5670	17.44	19.00	
	802.11ac-VHT80 MCS0	Full	106	5530	17.39	19.00	100.00
		Full	122	5610	17.35	19.00	
	802.11ac-VHT160 MCS0	Full	114	5570	15.47	17.00	100.00
	802.11ax-HE20 MCS0	Full	100	5500	17.18	19.00	100.00
		26/0	100	5500	7.62	9.00	
		52/37	100	5500	10.54	12.00	
		106/53	100	5500	13.62	15.00	
		Full	116	5580	17.20	19.00	
		Full	124	5620	17.20	19.00	
		Full	132	5660	17.41	19.00	
		Full	140	5700	17.34	19.00	
		26/7	140	5700	7.37	9.00	
		52/39	140	5700	10.23	12.00	
		106/54	140	5700	13.43	15.00	
	802.11ax-HE40 MCS0	Full	102	5510	17.27	19.00	100.00
		242/61	102	5510	17.05	19.00	
		Full	110	5550	17.23	19.00	
		Full	126	5630	17.39	19.00	
		Full	134	5670	17.52	19.00	
		242/62	134	5670	17.68	19.00	
	802.11ax-HE80 MCS0	Full	106	5530	17.25	19.00	100.00
		484/65	106	5530	14.76	16.00	
		Full	122	5610	17.32	19.00	
		484/66	122	5610	17.94	19.00	
	802.11ax-HE160 MCS0	Full	114	5570	16.24	17.00	100.00
		996/67	114	5570	16.30	17.00	

5.5GHz WLAN					Ant 13+9		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	Full	100	5500	20.43	22.00	99.31
		Full	116	5580	20.42	22.00	
		Full	124	5620	20.34	22.00	
		Full	132	5660	20.25	22.00	
		Full	140	5700	20.68	22.00	
	802.11n-HT20 MCS0	Full	100	5500	20.63	22.00	100.00
		Full	116	5580	20.61	22.00	
		Full	124	5620	20.55	22.00	
		Full	132	5660	20.34	22.00	
		Full	140	5700	20.42	22.00	
	802.11n-HT40 MCS0	Full	102	5510	20.37	22.00	100.00
		Full	110	5550	20.60	22.00	
		Full	126	5630	20.58	22.00	
		Full	134	5670	20.68	22.00	
	802.11ac-VHT20 MCS0	Full	100	5500	20.60	22.00	100.00
		Full	116	5580	20.58	22.00	
		Full	124	5620	20.50	22.00	
		Full	132	5660	20.31	22.00	
		Full	140	5700	20.40	22.00	
	802.11ac-VHT40 MCS0	Full	102	5510	20.35	22.00	100.00
		Full	110	5550	20.57	22.00	
		Full	126	5630	20.53	22.00	
		Full	134	5670	20.66	22.00	
	802.11ac-VHT80 MCS0	Full	106	5530	20.49	22.00	100.00
		Full	122	5610	20.42	22.00	
	802.11ac-VHT160 MCS0	Full	114	5570	18.67	20.00	100.00
	802.11ax-HE20 MCS0	Full	100	5500	20.30	22.00	100.00
		26/0	100	5500	10.80	12.00	
		52/37	100	5500	13.80	15.00	
		106/53	100	5500	16.97	18.00	
		Full	116	5580	20.25	22.00	
		Full	124	5620	20.65	22.00	
		Full	132	5660	20.68	22.00	
		Full	140	5700	10.54	12.00	
		26/7	140	5700	13.55	15.00	
		52/39	140	5700	16.71	18.00	
		106/54	140	5700	20.53	22.00	
	802.11ax-HE40 MCS0	Full	102	5510	20.46	22.00	100.00
		242/61	102	5510	20.11	22.00	
		Full	110	5550	20.25	22.00	
		Full	126	5630	20.88	22.00	
		Full	134	5670	20.69	22.00	
		242/62	134	5670	20.72	22.00	
	802.11ax-HE80 MCS0	Full	106	5530	20.32	22.00	100.00
		484/65	106	5530	18.04	19.00	
		Full	122	5610	20.30	22.00	
		484/66	122	5610	20.99	22.00	
	802.11ax-HE160 MCS0	Full	114	5570	19.38	20.00	100.00
		996/67	114	5570	19.53	20.00	

5.8GHz WLAN					Ant 13		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	Full	149	5745	17.95	19.00	99.31
		Full	157	5785	17.38	19.00	
		Full	165	5825	17.28	19.00	
	802.11n-HT20 MCS0	Full	149	5745	17.60	19.00	100.00
		Full	157	5785	17.52	19.00	
		Full	165	5825	17.45	19.00	
	802.11n-HT40 MCS0	Full	151	5755	17.86	19.00	100.00
		Full	159	5795	17.77	19.00	
	802.11ac-VHT20 MCS0	Full	149	5745	17.57	19.00	100.00
		Full	157	5785	17.50	19.00	
		Full	165	5825	17.39	19.00	
	802.11ac-VHT40 MCS0	Full	151	5755	17.81	19.00	100.00
		Full	159	5795	17.77	19.00	
	802.11ac-VHT80 MCS0	Full	155	5775	17.45	19.00	100.00
	802.11ax-HE20 MCS0	Full	149	5745	17.76	19.00	100.00
		26/0	149	5745	8.68	9.00	
		52/37	149	5745	10.80	12.00	
		106/53	149	5745	14.15	15.00	
		Full	157	5785	17.71	19.00	
		Full	165	5825	17.62	19.00	
		26/8	165	5825	7.72	9.00	
		52/40	165	5825	10.97	12.00	
		106/54	165	5825	14.06	15.00	
	802.11ax-HE40 MCS0	Full	151	5755	17.53	19.00	100.00
		242/61	151	5755	17.85	19.00	
		Full	159	5795	17.40	19.00	
		242/62	159	5795	17.88	19.00	
	802.11ax-HE80 MCS0	Full	155	5775	17.73	19.00	100.00
		484/65	155	5775	17.71	19.00	
		484/66	155	5775	18.02	19.00	

5.8GHz WLAN					Ant 9		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	Full	149	5745	17.64	19.00	99.31
		Full	157	5785	17.23	19.00	
		Full	165	5825	17.58	19.00	
	802.11n-HT20 MCS0	Full	149	5745	17.38	19.00	100.00
		Full	157	5785	17.47	19.00	
		Full	165	5825	17.78	19.00	
	802.11n-HT40 MCS0	Full	151	5755	17.37	19.00	100.00
		Full	159	5795	17.49	19.00	
	802.11ac-VHT20 MCS0	Full	149	5745	17.33	19.00	100.00
		Full	157	5785	17.46	19.00	
		Full	165	5825	17.71	19.00	
	802.11ac-VHT40 MCS0	Full	151	5755	17.34	19.00	100.00
		Full	159	5795	17.38	19.00	
	802.11ac-VHT80 MCS0	Full	155	5775	17.17	19.00	100.00
	802.11ax-HE20 MCS0	Full	149	5745	17.39	19.00	100.00
		26/0	149	5745	8.39	9.00	
		52/37	149	5745	10.26	12.00	
		106/53	149	5745	13.33	15.00	
		Full	157	5785	17.62	19.00	
		Full	165	5825	17.93	19.00	
		26/8	165	5825	7.98	9.00	
		52/40	165	5825	10.94	12.00	
		106/54	165	5825	14.16	15.00	
	802.11ax-HE40 MCS0	Full	151	5755	17.11	19.00	100.00
		242/61	151	5755	17.63	19.00	
		Full	159	5795	17.09	19.00	
		242/62	159	5795	17.71	19.00	
	802.11ax-HE80 MCS0	Full	155	5775	17.58	19.00	100.00
		484/65	155	5775	17.63	19.00	
		484/66	155	5775	17.71	19.00	

5.8GHz WLAN					Ant 13+9		
	Mode	RU Config.	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	Full	149	5745	20.78	22.00	99.31
		Full	157	5785	20.28	22.00	
		Full	165	5825	20.41	22.00	
	802.11n-HT20 MCS0	Full	149	5745	20.43	22.00	100.00
		Full	157	5785	20.46	22.00	
		Full	165	5825	20.55	22.00	
	802.11n-HT40 MCS0	Full	151	5755	20.55	22.00	100.00
		Full	159	5795	20.58	22.00	
	802.11ac-VHT20 MCS0	Full	149	5745	20.40	22.00	100.00
		Full	157	5785	20.43	22.00	
		Full	165	5825	20.50	22.00	
	802.11ac-VHT40 MCS0	Full	151	5755	20.51	22.00	100.00
		Full	159	5795	20.52	22.00	
	802.11ac-VHT80 MCS0	Full	155	5775	20.25	22.00	100.00
	802.11ax-HE20 MCS0	Full	149	5745	20.51	22.00	100.00
		26/0	149	5745	11.55	12.00	
		52/37	149	5745	13.55	15.00	
		106/53	149	5745	16.77	18.00	
		Full	157	5785	20.61	22.00	
		Full	165	5825	20.70	22.00	
		26/8	165	5825	10.86	12.00	
		52/40	165	5825	13.97	15.00	
		106/54	165	5825	17.12	18.00	
	802.11ax-HE40 MCS0	Full	151	5755	20.26	22.00	100.00
		242/61	151	5755	20.75	22.00	
		Full	159	5795	20.18	22.00	
		242/62	159	5795	20.81	22.00	
	802.11ax-HE80 MCS0	Full	155	5775	20.55	22.00	100.00
		484/65	155	5775	20.68	22.00	
		484/66	155	5775	20.88	22.00	

Receiver on Standalone for Head

2.4GHz WLAN				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.00	16.00	100.00
		6	2437	14.20	16.00	
		11	2462	14.10	16.00	
	802.11g 6Mbps	1	2412	14.00	16.00	99.32
		6	2437	14.10	16.00	
		11	2462	14.00	16.00	
	802.11n-HT20 MCS0	1	2412	No Required	16.00	100.00
		6	2437		16.00	
		11	2462		16.00	
	802.11n-HT40 MCS0	3	2422		16.00	100.00
		6	2437		16.00	
		9	2452		16.00	
	802.11ac-VHT20 MCS0	1	2412		16.00	100.00
		6	2437		16.00	
		11	2462		16.00	
	802.11ac-VHT40 MCS0	3	2422		16.00	100.00
		6	2437		16.00	
		9	2452		16.00	
	802.11ax-HE20 MCS0	1	2412		16.00	100.00
		6	2437		16.00	
		11	2462		16.00	
	802.11ax-HE40 MCS0	3	2422		16.00	100.00
		6	2437		16.00	
		9	2452		16.00	

2.4GHz WLAN				Ant 6		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.30	16.00	100.00
		6	2437	14.40	16.00	
		11	2462	14.20	16.00	
	802.11g 6Mbps	1	2412	14.20	16.00	99.32
		6	2437	14.50	16.00	
		11	2462	14.30	16.00	
	802.11n-HT20 MCS0	1	2412	No Required	16.00	100.00
		6	2437		16.00	
		11	2462		16.00	
	802.11n-HT40 MCS0	3	2422		16.00	100.00
		6	2437		16.00	
		9	2452		16.00	
	802.11ac-VHT20 MCS0	1	2412		16.00	100.00
		6	2437		16.00	
		11	2462		16.00	
	802.11ac-VHT40 MCS0	3	2422		16.00	100.00
		6	2437		16.00	
		9	2452		16.00	
	802.11ax-HE20 MCS0	1	2412		16.00	100.00
		6	2437		16.00	
		11	2462		16.00	
	802.11ax-HE40 MCS0	3	2422		16.00	100.00
		6	2437		16.00	
		9	2452		16.00	

2.4GHz WLAN				Ant 4+6		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.16	19.00	100.00
		6	2437	17.31	19.00	
		11	2462	17.11	19.00	
	802.11g 6Mbps	1	2412	17.21	19.00	99.32
		6	2437	17.31	19.00	
		11	2462	17.16	19.00	
	802.11n-HT20 MCS0	1	2412	No Required	19.00	100.00
		6	2437		19.00	
		11	2462		19.00	
	802.11n-HT40 MCS0	3	2422		19.00	100.00
		6	2437		19.00	
		9	2452		19.00	
	802.11ac-VHT20 MCS0	1	2412		19.00	100.00
		6	2437		19.00	
		11	2462		19.00	
	802.11ac-VHT40 MCS0	3	2422		19.00	100.00
		6	2437		19.00	
		9	2452		19.00	
	802.11ax-HE20 MCS0	1	2412		19.00	100.00
		6	2437		19.00	
		11	2462		19.00	
	802.11ax-HE40 MCS0	3	2422		19.00	100.00
		6	2437		19.00	
		9	2452		19.00	

5.2GHz WLAN				Ant 13		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	14.89	16.50	99.31
		40	5200	14.80	16.50	
		44	5220	14.78	16.50	
		48	5240	14.90	16.50	
	802.11n-HT20 MCS0	36	5180	No Required	16.50	100.00
		40	5200		16.50	
		44	5220		16.50	
		48	5240		16.50	
	802.11n-HT40 MCS0	38	5190		16.50	100.00
		46	5230		16.50	
	802.11ac-VHT20 MCS0	36	5180		16.50	100.00
		40	5200		16.50	
		44	5220		16.50	
		48	5240		16.50	
	802.11ac-VHT40 MCS0	38	5190		16.50	100.00
		46	5230		16.50	
	802.11ac-VHT80 MCS0	42	5210	14.95	16.50	100.00
	802.11ax-HE20 MCS0	36	5180	No Required	16.50	100.00
		40	5200		16.50	
		44	5220		16.50	
		48	5240		16.50	
	802.11ax-HE40 MCS0	38	5190		16.50	100.00
		46	5230		16.50	
	802.11ax-HE80 MCS0	42	5210		16.50	100.00

5.2GHz WLAN				Ant 9		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	14.68	16.50	99.31
		40	5200	14.69	16.50	
		44	5220	14.63	16.50	
		48	5240	14.85	16.50	
	802.11n-HT20 MCS0	36	5180	No Required	16.50	100.00
		40	5200		16.50	
		44	5220		16.50	
		48	5240		16.50	
	802.11n-HT40 MCS0	38	5190		16.50	100.00
		46	5230		16.50	
	802.11ac-VHT20 MCS0	36	5180		16.50	100.00
		40	5200		16.50	
		44	5220		16.50	
		48	5240		16.50	
	802.11ac-VHT40 MCS0	38	5190		16.50	100.00
		46	5230		16.50	
	802.11ac-VHT80 MCS0	42	5210	15.06	16.50	100.00
	802.11ax-HE20 MCS0	36	5180	No Required	16.50	100.00
		40	5200		16.50	
		44	5220		16.50	
		48	5240		16.50	
	802.11ax-HE40 MCS0	38	5190		16.50	100.00
		46	5230		16.50	
	802.11ax-HE80 MCS0	42	5210		16.50	100.00

5.2GHz WLAN				Ant 13+9		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.80	19.50	99.31
		40	5200	17.76	19.50	
		44	5220	17.72	19.50	
		48	5240	17.89	19.50	
	802.11n-HT20 MCS0	36	5180	No Required	19.50	100.00
		40	5200		19.50	
		44	5220		19.50	
		48	5240		19.50	
	802.11n-HT40 MCS0	38	5190		19.50	100.00
		46	5230		19.50	
	802.11ac-VHT20 MCS0	36	5180		19.50	100.00
		40	5200		19.50	
		44	5220		19.50	
		48	5240		19.50	
	802.11ac-VHT40 MCS0	38	5190		19.50	100.00
		46	5230		19.50	
	802.11ac-VHT80 MCS0	42	5210	18.02	19.50	100.00
	802.11ax-HE20 MCS0	36	5180	No Required	19.50	100.00
		40	5200		19.50	
		44	5220		19.50	
		48	5240		19.50	
	802.11ax-HE40 MCS0	38	5190		19.50	100.00
		46	5230		19.50	
	802.11ax-HE80 MCS0	42	5210		19.50	100.00

5.3GHz WLAN				Ant 13		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	14.95	16.50	99.31
		56	5280	14.86	16.50	
		60	5300	14.84	16.50	
		64	5320	15.10	16.50	
	802.11n-HT20 MCS0	52	5260	No Required	16.50	100.00
		56	5280		16.50	
		60	5300		16.50	
		64	5320		16.50	
	802.11n-HT40 MCS0	54	5270		16.50	100.00
		62	5310		16.50	
	802.11ac-VHT20 MCS0	52	5260		16.50	100.00
		56	5280		16.50	
		60	5300		16.50	
		64	5320		16.50	
	802.11ac-VHT40 MCS0	54	5270		16.50	100.00
		62	5310		16.50	
	802.11ac-VHT80 MCS0	58	5290	15.16	16.50	100.00
	802.11ac-VHT160 MCS0	50	5250	14.61	16.00	100
	802.11ax-HE20 MCS0	52	5260	No Required	16.50	100.00
		56	5280		16.50	
		60	5300		16.50	
		64	5320		16.50	
	802.11ax-HE40 MCS0	54	5270		16.50	100.00
		62	5310		16.50	
	802.11ax-HE80 MCS0	58	5290		16.50	100.00
	802.11ax-HE160 MCS0	50	5250	14.92	16.00	100

5.3GHz WLAN				Ant 9		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	14.77	16.50	99.31
		56	5280	14.78	16.50	
		60	5300	14.72	16.50	
		64	5320	14.94	16.50	
	802.11n-HT20 MCS0	52	5260	No Required	16.50	100.00
		56	5280		16.50	
		60	5300		16.50	
		64	5320		16.50	
	802.11n-HT40 MCS0	54	5270		16.50	100.00
		62	5310		16.50	
	802.11ac-VHT20 MCS0	52	5260		16.50	100.00
		56	5280		16.50	
		60	5300		16.50	
		64	5320		16.50	
	802.11ac-VHT40 MCS0	54	5270		16.50	100.00
		62	5310		16.50	
	802.11ac-VHT80 MCS0	58	5290	15.21	16.50	100.00
	802.11ac-VHT160 MCS0	50	5250	14.95	16.00	100
	802.11ax-HE20 MCS0	52	5260	No Required	16.50	100.00
		56	5280		16.50	
		60	5300		16.50	
		64	5320		16.50	
	802.11ax-HE40 MCS0	54	5270		16.50	100.00
		62	5310		16.50	
	802.11ax-HE80 MCS0	58	5290		16.50	100.00
	802.11ax-HE160 MCS0	50	5250	15.34	16.00	100

5.3GHz WLAN				Ant 13+9		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.87	19.50	99.31
		56	5280	17.83	19.50	
		60	5300	17.79	19.50	
		64	5320	18.03	19.50	
	802.11n-HT20 MCS0	52	5260	No Required	19.50	100.00
		56	5280		19.50	
		60	5300		19.50	
		64	5320		19.50	
	802.11n-HT40 MCS0	54	5270		19.50	100.00
		62	5310		19.50	
	802.11ac-VHT20 MCS0	52	5260		19.50	100.00
		56	5280		19.50	
		60	5300		19.50	
		64	5320		19.50	
	802.11ac-VHT40 MCS0	54	5270		19.50	100.00
		62	5310		19.50	
	802.11ac-VHT80 MCS0	58	5290	18.20	19.50	100.00
	802.11ac-VHT160 MCS0	50	5250	17.82	19.00	100
	802.11ax-HE20 MCS0	52	5260	No Required	19.50	100.00
		56	5280		19.50	
		60	5300		19.50	
		64	5320		19.50	
	802.11ax-HE40 MCS0	54	5270		19.50	100.00
		62	5310		19.50	
	802.11ax-HE80 MCS0	58	5290		19.50	100.00
	802.11ax-HE160 MCS0	50	5250	18.18	19.00	100

5.5GHz WLAN				Ant 13		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.09	18.00	99.31
		116	5580	16.11	18.00	
		124	5620	16.17	18.00	
		132	5660	16.13	18.00	
		140	5700	16.07	18.00	
	802.11n-HT20 MCS0	100	5500	No Required	18.00	100.00
		116	5580		18.00	
		124	5620		18.00	
		132	5660		18.00	
		140	5700		18.00	
	802.11n-HT40 MCS0	102	5510		18.00	100.00
		110	5550		18.00	
		126	5630		18.00	
		134	5670		18.00	
	802.11ac-VHT20 MCS0	100	5500		18.00	100.00
		116	5580		18.00	
		124	5620		18.00	
		132	5660		18.00	
		140	5700		18.00	
	802.11ac-VHT40 MCS0	102	5510		18.00	100.00
		110	5550		18.00	
		126	5630		18.00	
		134	5670		18.00	
	802.11ac-VHT80 MCS0	106	5530	16.45	18.00	100.00
		122	5610	16.38	18.00	
	802.11ac-VHT160 MCS0	114	5570	15.80	17.00	100.00
	802.11ax-HE20 MCS0	100	5500	No Required	18.00	100.00
		116	5580		18.00	
		124	5620		18.00	
		132	5660		18.00	
		140	5700		18.00	
	802.11ax-HE40 MCS0	102	5510		18.00	100.00
		110	5550		18.00	
		126	5630		18.00	
		134	5670		18.00	
	802.11ax-HE80 MCS0	106	5530		18.00	100.00
		122	5610		18.00	
	802.11ax-HE160 MCS0	114	5570	16.41	17.00	100.00

5.5GHz WLAN				Ant 9		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.02	18.00	99.31
		116	5580	16.17	18.00	
		124	5620	16.11	18.00	
		132	5660	16.20	18.00	
		140	5700	16.21	18.00	
	802.11n-HT20 MCS0	100	5500	No Required	18.00	100.00
		116	5580		18.00	
		124	5620		18.00	
		132	5660		18.00	
		140	5700		18.00	
	802.11n-HT40 MCS0	102	5510		18.00	100.00
		110	5550		18.00	
		126	5630		18.00	
		134	5670		18.00	
	802.11ac-VHT20 MCS0	100	5500		18.00	100.00
		116	5580		18.00	
		124	5620		18.00	
		132	5660		18.00	
		140	5700		18.00	
	802.11ac-VHT40 MCS0	102	5510		18.00	100.00
		110	5550		18.00	
		126	5630		18.00	
		134	5670		18.00	
	802.11ac-VHT80 MCS0	106	5530	16.39	18.00	100.00
		122	5610	16.35	18.00	
	802.11ac-VHT160 MCS0	114	5570	15.47	17.00	100.00
	802.11ax-HE20 MCS0	100	5500	No Required	18.00	100.00
		116	5580		18.00	
		124	5620		18.00	
		132	5660		18.00	
		140	5700		18.00	
	802.11ax-HE40 MCS0	102	5510		18.00	100.00
		110	5550		18.00	
		126	5630		18.00	
		134	5670		18.00	
	802.11ax-HE80 MCS0	106	5530		18.00	100.00
		122	5610		18.00	
	802.11ax-HE160 MCS0	114	5570	16.24	17.00	100.00

5.5GHz WLAN				Ant 13+9		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	19.07	21.00	99.31
		116	5580	19.15	21.00	
		124	5620	19.15	21.00	
		132	5660	19.18	21.00	
		140	5700	19.15	21.00	
	802.11n-HT20 MCS0	100	5500	No Required	21.00	100.00
		116	5580		21.00	
		124	5620		21.00	
		132	5660		21.00	
		140	5700		21.00	
	802.11n-HT40 MCS0	102	5510		21.00	100.00
		110	5550		21.00	
		126	5630		21.00	
		134	5670		21.00	
	802.11ac-VHT20 MCS0	100	5500		21.00	100.00
		116	5580		21.00	
		124	5620		21.00	
		132	5660		21.00	
		140	5700		21.00	
	802.11ac-VHT40 MCS0	102	5510		21.00	100.00
		110	5550		21.00	
		126	5630		21.00	
		134	5670		21.00	
	802.11ac-VHT80 MCS0	106	5530	19.43	21.00	100.00
		122	5610	19.38	21.00	
	802.11ac-VHT160 MCS0	114	5570	18.67	20.00	100.00
	802.11ax-HE20 MCS0	100	5500	No Required	21.00	100.00
		116	5580		21.00	
		124	5620		21.00	
		132	5660		21.00	
		140	5700		21.00	
	802.11ax-HE40 MCS0	102	5510		21.00	100.00
		110	5550		21.00	
		126	5630		21.00	
		134	5670		21.00	
	802.11ax-HE80 MCS0	106	5530		21.00	100.00
		122	5610		21.00	
	802.11ax-HE160 MCS0	114	5570	19.38	20.00	100.00

Receiver on Simultaneous for Head

2.4GHz WLAN			Art 4			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	8.20	10.00	100.00
		6	2437	8.40	10.00	
		11	2462	8.20	10.00	
	802.11g 6Mbps	1	2412	8.00	10.00	99.32
		6	2437	8.20	10.00	
		11	2462	8.10	10.00	
	802.11n-HT20 MCS0	1	2412	No Required	10.00	100.00
		6	2437		10.00	
		11	2462		10.00	
	802.11n-HT40 MCS0	3	2422		10.00	100.00
		6	2437		10.00	
		9	2452		10.00	
	802.11ac-VHT20 MCS0	1	2412		10.00	100.00
		6	2437		10.00	
		11	2462		10.00	
	802.11ac-VHT40 MCS0	3	2422		10.00	100.00
		6	2437		10.00	
		9	2452		10.00	
	802.11ax-HE20 MCS0	1	2412		10.00	100.00
		6	2437		10.00	
		11	2462		10.00	
	802.11ax-HE40 MCS0	3	2422		10.00	100.00
		6	2437		10.00	
		9	2452		10.00	

2.4GHz WLAN			Art 6			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	8.50	10.00	100.00
		6	2437	8.60	10.00	
		11	2462	8.50	10.00	
	802.11g 6Mbps	1	2412	8.50	10.00	99.32
		6	2437	8.50	10.00	
		11	2462	8.40	10.00	
	802.11n-HT20 MCS0	1	2412	No Required	10.00	100.00
		6	2437		10.00	
		11	2462		10.00	
	802.11n-HT40 MCS0	3	2422		10.00	100.00
		6	2437		10.00	
		9	2452		10.00	
	802.11ac-VHT20 MCS0	1	2412		10.00	100.00
		6	2437		10.00	
		11	2462		10.00	
	802.11ac-VHT40 MCS0	3	2422		10.00	100.00
		6	2437		10.00	
		9	2452		10.00	
	802.11ax-HE20 MCS0	1	2412		10.00	100.00
		6	2437		10.00	
		11	2462		10.00	
	802.11ax-HE40 MCS0	3	2422		10.00	100.00
		6	2437		10.00	
		9	2452		10.00	

2.4GHz WLAN			Art 4+6			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	11.36	13.00	100.00
		6	2437	11.51	13.00	
		11	2462	11.36	13.00	
	802.11g 6Mbps	1	2412	11.27	13.00	99.32
		6	2437	11.36	13.00	
		11	2462	11.26	13.00	
	802.11n-HT20 MCS0	1	2412	No Required	13.00	100.00
		6	2437		13.00	
		11	2462		13.00	
	802.11n-HT40 MCS0	3	2422		13.00	100.00
		6	2437		13.00	
		9	2452		13.00	
	802.11ac-VHT20 MCS0	1	2412		13.00	100.00
		6	2437		13.00	
		11	2462		13.00	
	802.11ac-VHT40 MCS0	3	2422		13.00	100.00
		6	2437		13.00	
		9	2452		13.00	
	802.11ax-HE20 MCS0	1	2412		13.00	100.00
		6	2437		13.00	
		11	2462		13.00	
	802.11ax-HE40 MCS0	3	2422		13.00	100.00
		6	2437		13.00	
		9	2452		13.00	

5.2GHz WLAN			Art 13			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	9.75	11.00	99.31
		40	5200	9.56	11.00	
		44	5220	9.43	11.00	
		48	5240	9.85	11.00	
	802.11n-HT20 MCS0	36	5180	No Required	11.00	100.00
		40	5200		11.00	
		44	5220		11.00	
		48	5240		11.00	
	802.11n-HT40 MCS0	38	5190		11.00	100.00
		46	5230		11.00	
	802.11ac-VHT20 MCS0	36	5180		11.00	100.00
		40	5200		11.00	
		44	5220		11.00	
		48	5240		11.00	
	802.11ac-VHT40 MCS0	38	5190		11.00	100.00
		46	5230		11.00	
	802.11ac-VHT80 MCS0	42	5210	10.02	11.00	100.00
	802.11ax-HE20 MCS0	36	5180	No Required	11.00	100.00
		40	5200		11.00	
		44	5220		11.00	
		48	5240		11.00	
	802.11ax-HE40 MCS0	38	5190		11.00	100.00
		46	5230		11.00	
	802.11ax-HE80 MCS0	42	5210		11.00	100.00

5.2GHz WLAN			Art 9			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	9.45	11.00	99.31
		40	5200	9.40	11.00	
		44	5220	9.39	11.00	
		48	5240	9.62	11.00	
	802.11n-HT20 MCS0	36	5180	No Required	11.00	100.00
		40	5200		11.00	
		44	5220		11.00	
		48	5240		11.00	
	802.11n-HT40 MCS0	38	5190		11.00	100.00
		46	5230		11.00	
	802.11ac-VHT20 MCS0	36	5180		11.00	100.00
		40	5200		11.00	
		44	5220		11.00	
		48	5240		11.00	
	802.11ac-VHT40 MCS0	38	5190		11.00	100.00
		46	5230		11.00	
	802.11ac-VHT80 MCS0	42	5210	9.95	11.00	100.00
	802.11ax-HE20 MCS0	36	5180	No Required	11.00	100.00
		40	5200		11.00	
		44	5220		11.00	
		48	5240		11.00	
	802.11ax-HE40 MCS0	38	5190		11.00	100.00
		46	5230		11.00	
	802.11ax-HE80 MCS0	42	5210		11.00	100.00

5.2GHz WLAN			Art 13+9			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	12.61	14.00	99.31
		40	5200	12.49	14.00	
		44	5220	12.42	14.00	
		48	5240	12.75	14.00	
	802.11n-HT20 MCS0	36	5180	No Required	14.00	100.00
		40	5200		14.00	
		44	5220		14.00	
		48	5240		14.00	
	802.11n-HT40 MCS0	38	5190		14.00	100.00
		46	5230		14.00	
	802.11ac-VHT20 MCS0	36	5180		14.00	100.00
		40	5200		14.00	
		44	5220		14.00	
		48	5240		14.00	
	802.11ac-VHT40 MCS0	38	5190		14.00	100.00
		46	5230		14.00	
	802.11ac-VHT80 MCS0	42	5210	13.00	14.00	100.00
	802.11ax-HE20 MCS0	36	5180	No Required	14.00	100.00
		40	5200		14.00	
		44	5220		14.00	
		48	5240		14.00	
	802.11ax-HE40 MCS0	38	5190		14.00	100.00
		46	5230		14.00	
	802.11ax-HE80 MCS0	42	5210		14.00	100.00

5.3GHz WLAN			Art 13			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	9.42	11.00	99.31
		56	5280	9.43	11.00	
		60	5300	9.30	11.00	
		64	5320	9.22	11.00	
	802.11n-HT20 MCS0	52	5260	No Required	11.00	100.00
		56	5280		11.00	
		60	5300		11.00	
		64	5320		11.00	
	802.11n-HT40 MCS0	54	5270		11.00	100.00
		62	5310		11.00	
	802.11ac-VHT20 MCS0	52	5260		11.00	100.00
		56	5280		11.00	
		60	5300		11.00	
		64	5320		11.00	
	802.11ac-VHT40 MCS0	54	5270		11.00	100.00
		62	5310		11.00	
	802.11ac-VHT80 MCS0	58	5290		11.00	100.00
	802.11ac-VHT160 MCS0	50	5250	9.62	11.00	100
	802.11ax-HE20 MCS0	52	5260	No Required	11.00	100.00
		56	5280		11.00	
		60	5300		11.00	
		64	5320		11.00	
	802.11ax-HE40 MCS0	54	5270		11.00	100.00
		62	5310		11.00	
	802.11ax-HE80 MCS0	58	5290		11.00	100.00
	802.11ax-HE160 MCS0	50	5250		11.00	100

0.5

5.3GHz WLAN			Art 9			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	9.34	11.00	99.31
		56	5280	9.29	11.00	
		60	5300	9.28	11.00	
		64	5320	9.01	11.00	
	802.11n-HT20 MCS0	52	5260	No Required	11.00	100.00
		56	5280		11.00	
		60	5300		11.00	
		64	5320		11.00	
	802.11n-HT40 MCS0	54	5270		11.00	100.00
		62	5310		11.00	
	802.11ac-VHT20 MCS0	52	5260		11.00	100.00
		56	5280		11.00	
		60	5300		11.00	
		64	5320		11.00	
	802.11ac-VHT40 MCS0	54	5270		11.00	100.00
		62	5310		11.00	
	802.11ac-VHT80 MCS0	58	5290		11.00	100.00
	802.11ac-VHT160 MCS0	50	5250	9.43	11.00	100
	802.11ax-HE20 MCS0	52	5260	No Required	11.00	100.00
		56	5280		11.00	
		60	5300		11.00	
		64	5320		11.00	
	802.11ax-HE40 MCS0	54	5270		11.00	100.00
		62	5310		11.00	
	802.11ax-HE80 MCS0	58	5290		11.00	100.00
	802.11ax-HE160 MCS0	50	5250		11.00	100

5.3GHz WLAN			Art 13+9			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	12.39	14.00	99.31
		56	5280	12.37	14.00	
		60	5300	12.30	14.00	
		64	5320	12.13	14.00	
	802.11n-HT20 MCS0	52	5260	No Required	14.00	100.00
		56	5280		14.00	
		60	5300		14.00	
		64	5320		14.00	
	802.11n-HT40 MCS0	54	5270		14.00	100.00
		62	5310		14.00	
	802.11ac-VHT20 MCS0	52	5260		14.00	100.00
		56	5280		14.00	
		60	5300		14.00	
		64	5320		14.00	
	802.11ac-VHT40 MCS0	54	5270		14.00	100.00
		62	5310		14.00	
	802.11ac-VHT80 MCS0	58	5290		14.00	100.00
	802.11ac-VHT160 MCS0	50	5250	12.54	14.00	100
	802.11ax-HE20 MCS0	52	5260	No Required	14.00	100.00
		56	5280		14.00	
		60	5300		14.00	
		64	5320		14.00	
	802.11ax-HE40 MCS0	54	5270		14.00	100.00
		62	5310		14.00	
	802.11ax-HE80 MCS0	58	5290		14.00	100.00
	802.11ax-HE160 MCS0	50	5250		14.00	100

5.5GHz WLAN			Art 13			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	10.07	12.00	99.31
		116	5580	10.42	12.00	
		124	5620	10.38	12.00	
		132	5660	10.44	12.00	
		140	5700	10.28	12.00	
	802.11n-HT20 MCS0	100	5500	No Required	12.00	100.00
		116	5580		12.00	
		124	5620		12.00	
		132	5660		12.00	
		140	5700		12.00	
	802.11n-HT40 MCS0	102	5510		12.00	100.00
		110	5550		12.00	
		126	5630		12.00	
		134	5670		12.00	
	802.11ac-VHT20 MCS0	100	5500		12.00	100.00
		116	5580		12.00	
		124	5620		12.00	
		132	5660		12.00	
		140	5700		12.00	
	802.11ac-VHT40 MCS0	102	5510		12.00	100.00
		110	5550		12.00	
		126	5630		12.00	
		134	5670		12.00	
	802.11ac-VHT80 MCS0	106	5530		12.00	100.00
		122	5610		12.00	
	802.11ac-VHT160 MCS0	114	5570	10.73	12.00	100.00
	802.11ax-HE20 MCS0	100	5500	No Required	12.00	100.00
		116	5580		12.00	
		124	5620		12.00	
		132	5660		12.00	
		140	5700		12.00	
	802.11ax-HE40 MCS0	102	5510		12.00	100.00
		110	5550		12.00	
		126	5630		12.00	
		134	5670		12.00	
	802.11ax-HE80 MCS0	106	5530		12.00	100.00
		122	5610		12.00	
	802.11ax-HE160 MCS0	114	5570		12.00	100.00

5.5GHz WLAN			Art 9			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	10.07	12.00	99.31
		116	5580	10.42	12.00	
		124	5620	10.35	12.00	
		132	5660	10.11	12.00	
		140	5700	10.01	12.00	
	802.11n-HT20 MCS0	100	5500	No Required	12.00	100.00
		116	5580		12.00	
		124	5620		12.00	
		132	5660		12.00	
		140	5700		12.00	
	802.11n-HT40 MCS0	102	5510		12.00	100.00
		110	5550		12.00	
		126	5630		12.00	
		134	5670		12.00	
	802.11ac-VHT20 MCS0	100	5500		12.00	100.00
		116	5580		12.00	
		124	5620		12.00	
		132	5660		12.00	
		140	5700		12.00	
	802.11ac-VHT40 MCS0	102	5510		12.00	100.00
		110	5550		12.00	
		126	5630		12.00	
		134	5670		12.00	
	802.11ac-VHT80 MCS0	106	5530		12.00	100.00
		122	5610		12.00	
	802.11ac-VHT160 MCS0	114	5570	10.36	12.00	100.00
	802.11ax-HE20 MCS0	100	5500	No Required	12.00	100.00
		116	5580		12.00	
		124	5620		12.00	
		132	5660		12.00	
		140	5700		12.00	
	802.11ax-HE40 MCS0	102	5510		12.00	100.00
		110	5550		12.00	
		126	5630		12.00	
		134	5670		12.00	
	802.11ax-HE80 MCS0	106	5530		12.00	100.00
		122	5610		12.00	
	802.11ax-HE160 MCS0	114	5570		12.00	100.00

5.5GHz WLAN			Art 13+9			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	13.08	15.00	99.31
		116	5580	13.43	15.00	
		124	5620	13.38	15.00	
		132	5660	13.29	15.00	
		140	5700	13.16	15.00	
	802.11n-HT20 MCS0	100	5500	No Required	15.00	100.00
		116	5580		15.00	
		124	5620		15.00	
		132	5660		15.00	
		140	5700		15.00	
	802.11n-HT40 MCS0	102	5510		15.00	100.00
		110	5550		15.00	
		126	5630		15.00	
		134	5670		15.00	
	802.11ac-VHT20 MCS0	100	5500		15.00	100.00
		116	5580		15.00	
		124	5620		15.00	
		132	5660		15.00	
		140	5700		15.00	
	802.11ac-VHT40 MCS0	102	5510		15.00	100.00
		110	5550		15.00	
		126	5630		15.00	
		134	5670		15.00	
	802.11ac-VHT80 MCS0	106	5530		15.00	100.00
		122	5610		15.00	
	802.11ac-VHT160 MCS0	114	5570	13.56	15.00	100.00
	802.11ax-HE20 MCS0	100	5500	No Required	15.00	100.00
		116	5580		15.00	
		124	5620		15.00	
		132	5660		15.00	
		140	5700		15.00	
	802.11ax-HE40 MCS0	102	5510		15.00	100.00
		110	5550		15.00	
		126	5630		15.00	
		134	5670		15.00	
	802.11ax-HE80 MCS0	106	5530		15.00	100.00
		122	5610		15.00	
	802.11ax-HE160 MCS0	114	5570		15.00	100.00

5.8GHz WLAN			Art 13			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	9.60	11.50	99.31
		157	5785	9.54	11.50	
		165	5825	9.52	11.50	
	802.11n-HT20 MCS0	149	5745	No Required	11.50	100.00
		157	5785		11.50	
		165	5825		11.50	
	802.11n-HT40 MCS0	151	5755		11.50	100.00
		159	5795		11.50	
	802.11ac-VHT20 MCS0	149	5745		11.50	100.00
		157	5785		11.50	
		165	5825		11.50	
	802.11ac-VHT40 MCS0	151	5755		11.50	100.00
		159	5795		11.50	
	802.11ac-VHT80 MCS0	155	5775	9.95	11.50	100.00
	802.11ax-HE20 MCS0	149	5745	No Required	11.50	100.00
		157	5785		11.50	
		165	5825		11.50	
	802.11ax-HE40 MCS0	151	5755		11.50	100.00
		159	5795		11.50	
	802.11ax-HE80 MCS0	155	5775		11.50	100.00

5.8GHz WLAN			Art 9			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	9.52	11.50	99.31
		157	5785	9.58	11.50	
		165	5825	9.53	11.50	
	802.11n-HT20 MCS0	149	5745	No Required	11.50	100.00
		157	5785		11.50	
		165	5825		11.50	
	802.11n-HT40 MCS0	151	5755		11.50	100.00
		159	5795		11.50	
	802.11ac-VHT20 MCS0	149	5745		11.50	100.00
		157	5785		11.50	
		165	5825		11.50	
	802.11ac-VHT40 MCS0	151	5755		11.50	100.00
		159	5795		11.50	
	802.11ac-VHT80 MCS0	155	5775	9.62	11.50	100.00
	802.11ax-HE20 MCS0	149	5745	No Required	11.50	100.00
		157	5785		11.50	
		165	5825		11.50	
	802.11ax-HE40 MCS0	151	5755		11.50	100.00
		159	5795		11.50	
	802.11ax-HE80 MCS0	155	5775		11.50	100.00

5.8GHz WLAN			Art 13+9			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	12.57	14.50	99.31
		157	5785	12.57	14.50	
		165	5825	12.54	14.50	
	802.11n-HT20 MCS0	149	5745	No Required	14.50	100.00
		157	5785		14.50	
		165	5825		14.50	
	802.11n-HT40 MCS0	151	5755		14.50	100.00
		159	5795		14.50	
	802.11ac-VHT20 MCS0	149	5745		14.50	100.00
		157	5785		14.50	
		165	5825		14.50	
	802.11ac-VHT40 MCS0	151	5755		14.50	100.00
		159	5795		14.50	
	802.11ac-VHT80 MCS0	155	5775	12.80	14.50	100.00
	802.11ax-HE20 MCS0	149	5745	No Required	14.50	100.00
		157	5785		14.50	
		165	5825		14.50	
	802.11ax-HE40 MCS0	151	5755		14.50	100.00
		159	5795		14.50	
	802.11ax-HE80 MCS0	155	5775		14.50	100.00

Conducted Power for Hotspot on

Level 1

2.4GHz WLAN				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.00	17.00	100.00
		6	2437	15.10	17.00	
		11	2462	15.00	17.00	
	802.11g 6Mbps	1	2412	15.00	17.00	99.32
		6	2437	15.00	17.00	
		11	2462	15.00	17.00	
	802.11n-HT20 MCS0	1	2412	No Required	17.00	100.00
		6	2437		17.00	
		11	2462		17.00	
	802.11n-HT40 MCS0	3	2422		17.00	100.00
		6	2437		17.00	
		9	2452		17.00	
	802.11ac-VHT20 MCS0	1	2412		17.00	100.00
		6	2437		17.00	
		11	2462		17.00	
	802.11ac-VHT40 MCS0	3	2422		17.00	100.00
		6	2437		17.00	
		9	2452		17.00	
	802.11ax-HE20 MCS0	1	2412		17.00	100.00
		6	2437		17.00	
		11	2462		17.00	
	802.11ax-HE40 MCS0	3	2422		17.00	100.00
		6	2437		17.00	
		9	2452		17.00	

Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.40	17.00	100.00
		6	2437	15.40	17.00	
		11	2462	15.40	17.00	
	802.11g 6Mbps	1	2412	15.20	17.00	99.32
		6	2437	15.30	17.00	
		11	2462	15.20	17.00	
	802.11n-HT20 MCS0	1	2412	No Required	17.00	100.00
		6	2437		17.00	
		11	2462		17.00	
	802.11n-HT40 MCS0	3	2422		17.00	100.00
		6	2437		17.00	
		9	2452		17.00	
	802.11ac-VHT20 MCS0	1	2412		17.00	100.00
		6	2437		17.00	
		11	2462		17.00	
	802.11ac-VHT40 MCS0	3	2422		17.00	100.00
		6	2437		17.00	
		9	2452		17.00	
	802.11ax-HE20 MCS0	1	2412		17.00	100.00
		6	2437		17.00	
		11	2462		17.00	
	802.11ax-HE40 MCS0	3	2422		17.00	100.00
		6	2437		17.00	
		9	2452		17.00	

Ant 4+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.21	20.00	100.00
		6	2437	18.26	20.00	
		11	2462	18.21	20.00	
	802.11g 6Mbps	1	2412	18.11	20.00	99.32
		6	2437	18.16	20.00	
		11	2462	18.11	20.00	
	802.11n-HT20 MCS0	1	2412	No Required	20.00	100.00
		6	2437		20.00	
		11	2462		20.00	
	802.11n-HT40 MCS0	3	2422		20.00	100.00
		6	2437		20.00	
		9	2452		20.00	
	802.11ac-VHT20 MCS0	1	2412		20.00	100.00
		6	2437		20.00	
		11	2462		20.00	
	802.11ac-VHT40 MCS0	3	2422		20.00	100.00
		6	2437		20.00	
		9	2452		20.00	
	802.11ax-HE20 MCS0	1	2412		20.00	100.00
		6	2437		20.00	
		11	2462		20.00	
	802.11ax-HE40 MCS0	3	2422		20.00	100.00
		6	2437		20.00	
		9	2452		20.00	

Level 2

2.4GHz WLAN				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	10.10	12.00	100.00
		6	2437	10.20	12.00	
		11	2462	10.10	12.00	
	802.11g 6Mbps	1	2412	10.00	12.00	99.32
		6	2437	10.10	12.00	
		11	2462	10.10	12.00	
	802.11n-HT20 MCS0	1	2412	No Required	12.00	100.00
		6	2437		12.00	
		11	2462		12.00	
	802.11n-HT40 MCS0	3	2422		12.00	100.00
		6	2437		12.00	
		9	2452		12.00	
	802.11ac-VHT20 MCS0	1	2412		12.00	100.00
		6	2437		12.00	
		11	2462		12.00	
	802.11ac-VHT40 MCS0	3	2422		12.00	100.00
		6	2437		12.00	
		9	2452		12.00	
	802.11ax-HE20 MCS0	1	2412		12.00	100.00
		6	2437		12.00	
		11	2462		12.00	
	802.11ax-HE40 MCS0	3	2422		12.00	100.00
		6	2437		12.00	
		9	2452		12.00	

Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	10.50	12.00	100.00
		6	2437	10.50	12.00	
		11	2462	10.50	12.00	
	802.11g 6Mbps	1	2412	10.40	12.00	99.32
		6	2437	10.40	12.00	
		11	2462	10.30	12.00	
	802.11n-HT20 MCS0	1	2412	No Required	12.00	100.00
		6	2437		12.00	
		11	2462		12.00	
	802.11n-HT40 MCS0	3	2422		12.00	100.00
		6	2437		12.00	
		9	2452		12.00	
	802.11ac-VHT20 MCS0	1	2412		12.00	100.00
		6	2437		12.00	
		11	2462		12.00	
	802.11ac-VHT40 MCS0	3	2422		12.00	100.00
		6	2437		12.00	
		9	2452		12.00	
	802.11ax-HE20 MCS0	1	2412		12.00	100.00
		6	2437		12.00	
		11	2462		12.00	
	802.11ax-HE40 MCS0	3	2422		12.00	100.00
		6	2437		12.00	
		9	2452		12.00	

Ant 4+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	13.31	15.00	100.00
		6	2437	13.36	15.00	
		11	2462	13.31	15.00	
	802.11g 6Mbps	1	2412	13.21	15.00	99.32
		6	2437	13.26	15.00	
		11	2462	13.21	15.00	
	802.11n-HT20 MCS0	1	2412	No Required	15.00	100.00
		6	2437		15.00	
		11	2462		15.00	
	802.11n-HT40 MCS0	3	2422		15.00	100.00
		6	2437		15.00	
		9	2452		15.00	
	802.11ac-VHT20 MCS0	1	2412		15.00	100.00
		6	2437		15.00	
		11	2462		15.00	
	802.11ac-VHT40 MCS0	3	2422		15.00	100.00
		6	2437		15.00	
		9	2452		15.00	
	802.11ax-HE20 MCS0	1	2412		15.00	100.00
		6	2437		15.00	
		11	2462		15.00	
	802.11ax-HE40 MCS0	3	2422		15.00	100.00
		6	2437		15.00	
		9	2452		15.00	

Conducted Power for Body Worn&Extremity

2.4GHz WLAN				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	13.80	15.50	100.00
		6	2437	13.90	15.50	
		11	2462	13.80	15.50	
	802.11g 6Mbps	1	2412	13.60	15.50	99.32
		6	2437	13.60	15.50	
		11	2462	13.50	15.50	
	802.11n-HT20 MCS0	1	2412	No Required	15.50	100.00
		6	2437		15.50	
		11	2462		15.50	
	802.11n-HT40 MCS0	3	2422		15.50	100.00
		6	2437		15.50	
		9	2452		15.50	
	802.11ac-VHT20 MCS0	1	2412		15.50	100.00
		6	2437		15.50	
		11	2462		15.50	
	802.11ac-VHT40 MCS0	3	2422		15.50	100.00
		6	2437		15.50	
		9	2452		15.50	
	802.11ax-HE20 MCS0	1	2412		15.50	100.00
		6	2437		15.50	
		11	2462		15.50	
	802.11ax-HE40 MCS0	3	2422		15.50	100.00
		6	2437		15.50	
		9	2452		15.50	

Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.10	15.50	100.00
		6	2437	14.30	15.50	
		11	2462	14.20	15.50	
	802.11g 6Mbps	1	2412	14.30	15.50	99.32
		6	2437	14.20	15.50	
		11	2462	14.20	15.50	
	802.11n-HT20 MCS0	1	2412	No Required	15.50	100.00
		6	2437		15.50	
		11	2462		15.50	
	802.11n-HT40 MCS0	3	2422		15.50	100.00
		6	2437		15.50	
		9	2452		15.50	
	802.11ac-VHT20 MCS0	1	2412		15.50	100.00
		6	2437		15.50	
		11	2462		15.50	
	802.11ac-VHT40 MCS0	3	2422		15.50	100.00
		6	2437		15.50	
		9	2452		15.50	
	802.11ax-HE20 MCS0	1	2412		15.50	100.00
		6	2437		15.50	
		11	2462		15.50	
	802.11ax-HE40 MCS0	3	2422		15.50	100.00
		6	2437		15.50	
		9	2452		15.50	

Ant 4+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	16.96	18.50	100.00
		6	2437	17.11	18.50	
		11	2462	17.01	18.50	
	802.11g 6Mbps	1	2412	16.97	18.50	99.32
		6	2437	16.92	18.50	
		11	2462	16.87	18.50	
	802.11n-HT20 MCS0	1	2412	No Required	18.50	100.00
		6	2437		18.50	
		11	2462		18.50	
	802.11n-HT40 MCS0	3	2422		18.50	100.00
		6	2437		18.50	
		9	2452		18.50	
	802.11ac-VHT20 MCS0	1	2412		18.50	100.00
		6	2437		18.50	
		11	2462		18.50	
	802.11ac-VHT40 MCS0	3	2422		18.50	100.00
		6	2437		18.50	
		9	2452		18.50	
	802.11ax-HE20 MCS0	1	2412		18.50	100.00
		6	2437		18.50	
		11	2462		18.50	
	802.11ax-HE40 MCS0	3	2422		18.50	100.00
		6	2437		18.50	
		9	2452		18.50	

Bluetooth Conducted Full Power

BT BR/EDR Chain0（ANT4）

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	15.20	15.20	15.30	12.70	12.70	12.80	12.70	12.80	12.90	17
	CH 39	2441	15.50	15.50	**15.60**	13.00	12.90	**13.30**	13.00	13.20	**13.30**	17
	CH 78	2480	15.20	15.10	15.30	12.90	12.90	13.00	13.10	13.10	13.20	17

BT LE

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	7.30	7.20
	CH 19	2440	7.00	6.90
	CH 39	2480	6.60	6.50
Tune-up Limit			9	9

BT BR/EDR Chain1（ANT6）

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	14.30	14.30	15.10	11.70	11.70	11.80	11.70	11.70	11.80	17
	CH 39	2441	15.20	15.20	**15.30**	12.30	12.30	**12.40**	12.10	12.10	**12.20**	17
	CH 78	2480	14.50	14.50	15.20	12.00	12.00	12.10	11.80	11.80	11.90	17

BT LE

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	7.30	7.20
	CH 19	2440	7.00	6.90
	CH 39	2480	6.60	6.50
Tune-up Limit			9	9

Receiver on Simultaneous&Receiver off Simultaneous&&Hotspot on

BT BR/EDR Chain0（ANT4）

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	8.70	8.70	8.80	5.90	5.90	6.00	5.90	5.90	6.00	10
	CH 39	2441	9.10	9.10	**9.40**	6.20	6.20	6.30	6.20	6.20	6.30	10
	CH 78	2480	9.30	9.30	9.20	6.70	6.70	**6.80**	6.70	6.70	**6.80**	10

BT LE

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	7.30	7.20
	CH 19	2440	7.00	6.90
	CH 39	2480	6.60	6.50
Tune-up Limit			9	9

BT BR/EDR Chain1（ANT6）

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	10.30	10.30	10.40	7.70	7.70	7.80	7.70	7.70	7.80	12
	CH 39	2441	10.70	10.70	**10.80**	8.00	8.00	**8.10**	8.00	8.00	**8.10**	12
	CH 78	2480	9.90	9.90	10.00	7.40	7.40	7.50	7.40	7.40	7.50	12

BT LE

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	7.30	7.20
	CH 19	2440	7.00	6.90
	CH 39	2480	6.60	6.50
Tune-up Limit			9	9